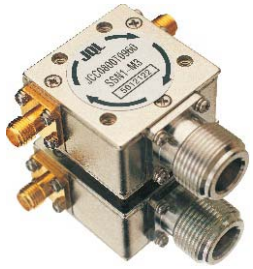
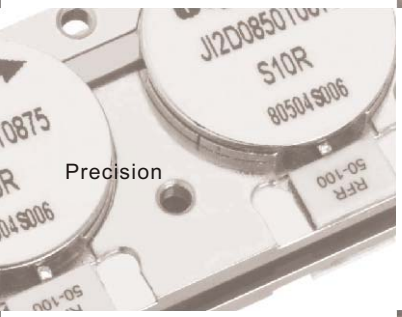
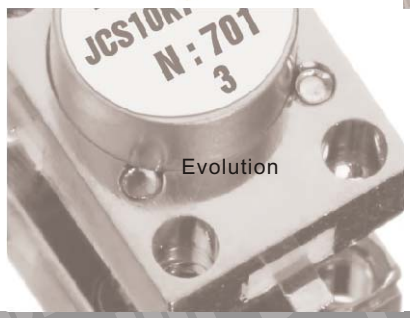
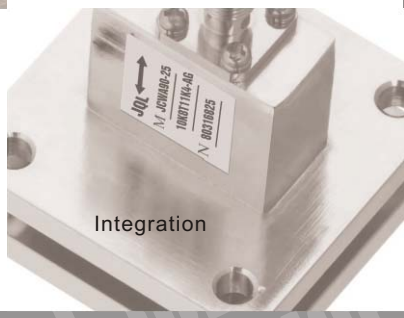
PRODUCT CATALOG









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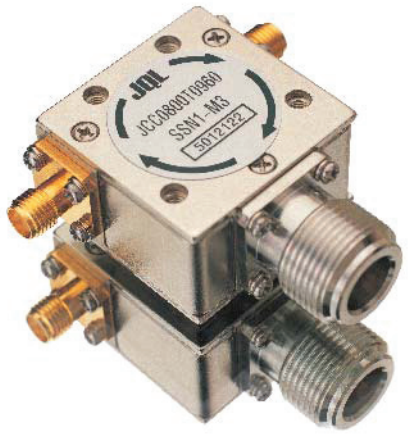

COAXIAL CIRCULATOR BY APPLICATION

FREQUENCY(GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB)MIN	(dB)MAX	MAX	TEMP(°C)	AVG(W)	DEFAULT	OPTION	(mm)	CODE
VHF APPLICATION											
0.132	0.144	JCC0132T0144N15	18	0.60	1.30	0~60	150	N-f	N-m/ SMA-f(m)	70*70*22	CC24
0.144	0.148	JCC0144T0148N15	18	0.60	1.30	0~60	150	N-f	N-m/ SMA-f(m)	70*70*22	CC24
0.148	0.156	JCC0148T0156N15	18	0.60	1.30	0~60	150	N-f	N-m/ SMA-f(m)	70*70*22	CC24
0.156	0.174	JCC0156T0174N15	18	0.60	1.30	0~60	150	N-f	N-m/ SMA-f(m)	70*70*22	CC24
UHF / TETRA APPLICATION											
0.300	0.420	JCC0300T0420N20	18	0.50	1.30	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.380	0.400	JCC0380T0400N20	25	0.25	1.15	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.380	0.460	JCC0380T0460N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.410	0.430	JCC0410T0430N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.420	0.450	JCC0420T0450N20	25	0.25	1.15	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.450	0.470	JCC0450T0470N20	25	0.25	1.15	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.470	0.512	JCC0470T0512N20	25	0.25	1.15	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.512	0.698	JCC0512T0698N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.698	0.806	JCC0698T0806N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	35*38*20	CC03
DIGITAL TV APPLICATION											
0.470	0.600	JCC0470T0600N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
RFID APPLICATION											
0.860	0.872	JCC0860T0872S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.860	0.960	JCC0860T0960S15	21	0.40	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.902	0.928	JCC0902T0928S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.950	0.956	JCC0950T0956S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
CELLULAR GSM APPLICATION											
0.800	0.960	JCC0800T0960S15	20	0.40	1.25	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.824	0.849	JCC0824T0849S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.869	0.894	JCC0869T0894S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.869	0.960	JCC0869T0960S15	20	0.40	1.25	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.876	0.880	JCC0876T0880S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.880	0.915	JCC0880T0915S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.890	0.915	JCC0890T0915S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.921	0.925	JCC0921T0925S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.923	0.962	JCC0923T0962S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.925	0.960	JCC0925T0960S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.935	0.960	JCC0935T0960S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
CELLULAR DCS/PCS APPLICATION											
1.710	1.785	JCC1710T1785S10	25	0.25	1.15	-30~+75	100	SMA-f	N-f(m)/SMA-m	25.4*28.5*20	CC05
1.803	1.882	JCC1803T1882S10	25	0.25	1.15	-30~+75	100	SMA-f	N-f(m)/SMA-m	25.4*28.5*20	CC05
1.805	1.880	JCC1805T1880S10	25	0.25	1.15	-30~+75	100	SMA-f	N-f(m)/SMA-m	25.4*28.5*20	CC05
1.805	1.990	JCC1805T1990S10	20	0.40	1.25	-30~+75	100	SMA-f	N-f(m)/SMA-m	25.4*28.5*20	CC05
1.805	1.910	JCC1805T1910S10	20	0.40	1.25	-30~+75	100	SMA-f	N-f(m)/SMA-m	25.4*28.5*20	CC05
1.930	1.990	JCC1930T1990S10	25	0.25	1.15	-30~+75	100	SMA-f	N-f(m)/SMA-m	25.4*28.5*20	CC05

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COAXIAL CIRCULATOR

COAXIAL CIRCULATOR BY APPLICATION

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG(W)	DEFAULT	OPTION	(mm)	CODE
CELLULAR UMTS/CDMA APPLICATION											
2.080	2.200	JCC2080T2200S10	21	0.40	1.25	-30~+75	100	SMA-f	N-f(m)/SMA-m	28*30*19	CC11
2.110	2.170	JCC2110T2170S10	25	0.25	1.15	-30~+75	100	SMA-f	N-f(m)/SMA-m	28*30*19	CC11
WIMAX / WIBRO APPLICATION											
2.300	2.500	JCC2300T2500S10	23	0.30	1.20	-30~+75	100	SMA-f	N-f(m)/SMA-m	25*25*15	CC13
2.496	2.690	JCC2496T2690S10	23	0.30	1.20	-30~+75	100	SMA-f	N-f(m)/SMA-m	25*25*15	CC13
2.500	2.700	JCC2500T2700S10	23	0.30	1.20	-30~+75	100	SMA-f	N-f(m)/SMA-m	25*25*15	CC13
3.300	3.500	JCC3300T3500S10	23	0.30	1.20	-30~+75	100	SMA-f	N-f(m)/SMA-m	25*25*15	CC13
3.300	3.800	JCC3300T3800S10	21	0.40	1.25	-30~+75	100	SMA-f	N-f(m)/SMA-m	25*25*15	CC13
3.400	3.600	JCC3400T3600S10	23	0.30	1.20	-30~+75	100	SMA-f	N-f(m)/SMA-m	25*25*15	CC13

NARROWBAND COAXIAL CIRCULATOR

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)	DEFAULT	OPTION	(mm)	CODE
0.132	0.144	JCC0132T0144N15	18	0.60	1.30	0~60	150	N-f	N-m/ SMA-f(m)	70*70*22	CC24
0.144	0.148	JCC0144T0148N15	18	0.60	1.30	0~60	150	N-f	N-m/ SMA-f(m)	70*70*22	CC24
0.148	0.156	JCC0148T0156N15	18	0.60	1.30	0~60	150	N-f	N-m/ SMA-f(m)	70*70*22	CC24
0.156	0.174	JCC0156T0174N15	18	0.60	1.30	0~60	150	N-f	N-m/ SMA-f(m)	70*70*22	CC24
0.300	0.420	JCC0300T0420N20	18	0.50	1.30	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.380	0.400	JCC0380T0400N20	25	0.25	1.15	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.380	0.460	JCC0380T0460N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.390	0.450	JCC0390T0450N20	20	0.40	1.25	-15~+60	200	N-f	N-m/SMA-f(m)	52*58*22	CC01
0.410	0.430	JCC0410T0430N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.420	0.450	JCC0420T0450N20	25	0.25	1.15	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.450	0.470	JCC0450T0470N20	25	0.25	1.15	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.470	0.512	JCC0470T0512N20	25	0.25	1.15	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.470	0.600	JCC0470T0600N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.512	0.698	JCC0512T0698N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	52*58*22	CC01
0.698	0.806	JCC0698T0806N20	20	0.40	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	35*38*20	CC03
0.869	0.894	JCC0869T0894S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.869	0.960	JCC0869T0960S15	20	0.40	1.25	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.876	0.880	JCC0876T0880S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.880	0.915	JCC0880T0915S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.890	0.915	JCC0890T0915S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.800	0.960	JCC0800T0960N10	20	0.40	1.25	-30~+70	100	N-f	N-m/SMA-f(m)	30*33*20	CC04
0.800	0.960	JCC0800T0960S10	20	0.40	1.25	-30~+70	100	SMA-f	SMA-m	30*33*15	CC08
0.824	0.849	JCC0824T0849S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.850	0.950	JCC0850T0950N10	20	0.40	1.25	-30~+70	100	N-f	N-m/SMA-f(m)	30*33*20	CC04
0.850	0.950	JCC0850T0950S10	20	0.40	1.25	-30~+70	100	SMA-f	SMA-m	30*33*15	CC08
0.860	0.872	JCC0860T0872S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.860	0.960	JCC0860T0960S15	21	0.40	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.869	0.894	JCC0869T0894N15	23	0.30	1.20	-30~+70	150	N-f	N-m/SMA-f(m)	35*38*20	CC03
0.869	0.894	JCC0869T0894N10	23	0.30	1.20	-30~+70	100	N-f	N-m/SMA-f(m)	30*33*20	CC04
0.869	0.894	JCC0869T0894S10	23	0.30	1.20	-30~+70	100	SMA-f	SMA-m	30*33*15	CC08
0.869	0.894	JCC0869T0894S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.869	0.960	JCC0869T0960S15	20	0.40	1.25	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.876	0.880	JCC0876T0880S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.880	0.915	JCC0880T0915S15	25	0.25	1.25	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.890	0.915	JCC0890T0915S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.902	0.928	JCC0902T0928S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.921	0.925	JCC0921T0925S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.923	0.962	JCC0923T0962S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.925	0.960	JCC0925T0960N15	23	0.30	1.20	-30~+70	150	N-f	N-m/SMA-f(m)	35*38*20	CC03
0.925	0.960	JCC0925T0960N10	23	0.30	1.20	-30~+70	100	N-f	N-m/SMA-f(m)	30*33*20	CC04
0.925	0.960	JCC0925T0960S10	23	0.30	1.20	-30~+70	100	SMA-f	SMA-m	30*33*15	CC08
0.925	0.960	JCC0925T0960S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.962	1.213	JCC0962T1213N15	20	0.50	1.25	-30~+70	150	N-f	N-m/SMA-f(m)	30*33*20	CC04
0.962	1.213	JCC0962T1213N20	20	0.50	1.25	-30~+70	200	N-f	N-m/SMA-f(m)	47.8*48.8*18.8	CC06
0.962	1.213	JCC0962T1213S15	20	0.50	1.25	-30~+70	150	SMA-f	SMA-m	30*33*15	CC08
0.935	0.960	JCC0935T0960S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04
0.950	0.956	JCC0950T0956S15	25	0.25	1.15	-30~+75	150	SMA-f	N-f(m)/SMA-m	30*33*22	CC04

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COAXIAL CIRCULATOR

NARROWBAND COAXIAL CIRCULATOR

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)	DEFAULT	OPTION	(mm)	CODE
1.000	1.100	JCC1000T1100N6	20	0.40	1.25	-30~+70	60	N-f	N-m/SMA-f(m)	25.4*28.5*20	CC05
1.000	1.100	JCC1000T1100S6	20	0.40	1.25	-30~+70	60	SMA-f	SMA-m	25*25*15	CC07
1.200	1.400	JCC1200T1400N6	20	0.40	1.25	-30~+70	60	N-f	N-m/SMA-f(m)	25.4*28.5*20	CC05
1.200	1.400	JCC1200T1400S6	20	0.40	1.25	-30~+70	60	SMA-f	SMA-m	25*25*15	CC07
1.435	1.535	JCC1435T1535N6	21	0.35	1.20	-30~+70	60	N-f	N-m/SMA-f(m)	25.4*28.5*20	CC05
1.435	1.535	JCC1435T1535S6	21	0.35	1.20	-30~+70	60	SMA-f	SMA-m	25*25*15	CC07
1.500	1.600	JCC1500T1600N6	21	0.35	1.20	-30~+70	60	N-f	N-m/SMA-f(m)	25.4*28.5*20	CC05
1.500	1.600	JCC1500T1600S6	21	0.35	1.20	-30~+70	60	SMA-f	SMA-m	25*25*15	CC07
1.600	1.800	JCC1600T1800N6	20	0.40	1.25	-30~+70	60	N-f	N-m/SMA-f(m)	25.4*28.5*20	CC05
1.600	1.800	JCC1600T1800S6	20	0.40	1.25	-30~+70	60	SMA-f	SMA-m	25*25*15	CC07
1.800	2.100	JCC1800T2100S2	20	0.40	1.20	-30~+70	20	SMA-f	SMA-m	28*30*19	CC11
1.805	1.880	JCC1805T1880N6	25	0.30	1.20	-30~+70	60	N-f	N-m/SMA-f(m)	28*30*19	CC11
1.805	1.880	JCC1805T1880S6	25	0.30	1.20	-30~+70	60	SMA-f	SMA-m	20*25.4*15	CC12
1.805	2.400	JCC1805T2400S0	18	0.60	1.25	-30~+70	5	SMA-f	SMA-m	25*25*15	CC07
1.805	2.400	JCC1805T2400N2	18	0.60	1.25	-30~+70	20	N-f	N-m/SMA-f(m)	25*25*16	CC07
1.920	2.170	JCC1920T2170S0	22	0.35	1.20	-30~+70	5	SMA-f	SMA-m	25*25*15	CC07
1.920	2.170	JCC1920T2170N2	22	0.35	1.20	-30~+70	20	N-f	N-m/SMA-f(m)	28*30*19	CC11
1.930	1.990	JCC1930T1990N6	25	0.30	1.20	-30~+70	60	N-f	N-m/SMA-f(m)	28*30*19	CC11
1.930	1.990	JCC1930T1990S6	25	0.30	1.20	-30~+70	60	SMA-f	SMA-m	20*25.4*15	CC12
2.000	2.330	JCC2000T2330S3	20	0.40	1.20	-30~+70	30	SMA-f	SMA-m	28*30*19	CC11
2.070	2.140	JCC2070T2140N3	23	0.30	1.20	-30~+70	30	N-f	N-m/SMA-f(m)	28*30*19	CC11
2.070	2.140	JCC2070T2140S3	23	0.30	1.20	-30~+70	30	SMA-f	SMA-m	20*25.4*15	CC12
2.100	2.500	JCC2100T2500N2	20	0.40	1.20	-30~+70	20	N-f	N-m/SMA-f(m)	28*30*19	CC11
2.200	2.300	JCC2200T2300S2	23	0.30	1.20	-30~+70	20	SMA-f	SMA-m	25*25*15	CC13
2.200	2.500	JCC2200T2500N2	20	0.40	1.20	-30~+70	20	N-f	N-m/SMA-f(m)	28*30*19	CC11
2.200	2.500	JCC2200T2500S2	20	0.40	1.20	-30~+70	20	SMA-f	SMA-m	25*25*15	CC13
2.300	2.500	JCC2300T2500S6	23	0.30	1.20	-30~+70	60	SMA-f	SMA-m	25*25*15	CC13
2.500	2.700	JCC2500T2700N2	23	0.30	1.20	-30~+70	20	N-f	N-m/SMA-f(m)	28*30*19	CC11
2.500	2.700	JCC2500T2700S2	23	0.30	1.20	-30~+70	20	SMA-f	SMA-m	25*25*15	CC13
2.700	3.100	JCC2700T3100N2	20	0.40	1.20	-30~+70	20	N-f	N-m/SMA-f(m)	28*30*19	CC11
2.700	3.100	JCC2700T3100S2	20	0.40	1.20	-30~+70	20	SMA-f	SMA-m	25*25*15	CC13
3.000	3.500	JCC3000T3500N2	19	0.50	1.25	-30~+70	20	N-f	N-m/SMA-f(m)	28*30*19	CC11
3.000	3.500	JCC3000T3500S2	19	0.50	1.25	-30~+70	20	SMA-f	SMA-m	25*25*15	CC13
3.400	4.200	JCC3400T4200S2	20	0.40	1.20	-40~+75	20	SMA-f	SMA-m	16*21*14	CC16
3.700	4.200	JCC3700T4200S2	20	0.40	1.20	-40~+75	20	SMA-f	SMA-m	16*21*14	CC16
3.700	4.200	JCC3700T4200N2	20	0.40	1.20	-40~+75	20	N-f	N-m/SMA-f(m)	20*24*18	CC17
4.200	4.400	JCC4200T4400S2	23	0.30	1.20	-40~+75	20	SMA-f	SMA-m	16*21*14	CC16
4.200	4.400	JCC4200T4400N2	23	0.30	1.20	-40~+75	20	N-f	N-m/SMA-f(m)	20*24*18	CC17
5.150	5.650	JCC5150T5650S2	20	0.40	1.20	-40~+75	20	SMA-f	SMA-m	16*21*14	CC16
5.150	5.650	JCC5150T5650N2	20	0.40	1.20	-40~+75	20	N-f	N-m/SMA-f(m)	20*24*18	CC17
5.400	5.900	JCC5400T5900S2	20	0.40	1.20	-40~+75	20	SMA-f	SMA-m	16*21*14	CC16
5.400	5.900	JCC5400T5900N2	20	0.40	1.20	-40~+75	20	N-f	N-m/SMA-f(m)	20*24*18	CC17
5.850	6.650	JCC5850T6650S2	20	0.40	1.20	-40~+75	20	SMA-f	SMA-m	16*21*14	CC16
5.850	6.650	JCC5850T6650N2	20	0.40	1.20	-40~+75	20	SMA-f	SMA-m	20*24*18	CC17
6.500	7.200	JCC6500T7200S2	20	0.40	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
6.700	7.100	JCC6700T7100S1	20	0.40	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
6.710	7.420	JCC6710T7420S1	23	0.30	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
7.000	8.000	JCC7000T8000S1	20	0.40	1.20	-30~+80	10	SMA-f	SMA-m	15*19*13	CC20
7.000	7.700	JCC7000T7700S1	20	0.40	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
7.700	8.300	JCC7700T8300S1	20	0.35	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
7.825	8.475	JCC7825T8475S1	20	0.40	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
8.500	9.600	JCC8500T9600S1	20	0.40	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
10.000	12.000	JCC10K0T12K0S1	20	0.50	1.25	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
10.500	11.300	JCC10K5T11K3S1	20	0.40	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
11.000	12.000	JCC11K0T12K0S1	20	0.40	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
11.000	12.790	JCC11K0T12K8S1	20	0.50	1.25	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
11.450	12.750	JCC11K4T12K8S1	23	0.30	1.25	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
12.000	12.800	JCC12K0T12K8S1	23	0.30	1.25	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
12.750	14.500	JCC12K7T14K5S1	20	0.40	1.25	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
13.000	15.000	JCC13K0T15K0S1	20	0.40	1.25	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20
15.000	18.000	JCC15K0T18K0S1	20	0.50	1.20	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20

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COAXIAL CIRCULATOR

BROADBAND COAXIAL CIRCULATOR

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)	DEFAULT	OPTION	(mm)	CODE
1.0	2.0	JCC1000T2000N3	15	0.70	1.40	-15~+60	30	N-f	N-m/SMA-f(m)	70*80*21	CC14
2.0	4.0	JCC2000T4000N2	16	0.60	1.40	-30~+70	20	N-f	N-m/SMA-f(m)	32*34*18	CC15
3.0	6.0	JCC3000T6000S2	16	0.60	1.40	-30~+70	20	SMA-f	SMA-m	25 .4*27.5*13	CC18
3.4	4.2	JCC3400T4200S2	18	0.50	1.30	-30~+70	20	SMA-f	SMA-m	25 .4*27.5*13	CC18
4.0	5.0	JCC4000T5000S2	20	0.40	1.30	-30~+70	20	SMA-f	SMA-m	25 .4*27.5*13	CC18
4.0	8.0	JCC4000T8000S2	18	0.60	1.30	-30~+70	20	SMA-f	SMA-m	25.4*25.4*12.7	CC19
6.0	12.0	JCC6000T12K0S2	16	0.60	1.40	-40~+75	20	SMA-f	SMA-m	16* 21*13	CC21
6.0	18.0	JCC6000T18K0S1	12	1.50	1.80	-40~+75	10	SMA-f	SMA-m	19* 20*13	CC10
6.5	18.0	JCC6500T18K0S1	12	1.50	1.80	-40~+75	10	SMA-f	SMA-m	19* 20*13	CC10
8.0	12.0	JCC8000T12K0S1	18	0.60	1.35	-40~+75	10	SMA-f	SMA-m	15* 19*13	CC20
8.0	18.0	JCC8000T18K0S1	16	0.80	1.50	-40~+75	10	SMA-f	SMA-m	15* 21*13	CC09
10.0	15.0	JCC10K0T15K0S1	18	0.60	1.35	-40~+75	10	SMA-f	SMA-m	15* 19*13	CC20
12.0	15.0	JCC12K0T15K0S1	18	0.60	1.35	-40~+75	10	SMA-f	SMA-m	15* 19*13	CC20
12.0	18.0	JCC12K0T18K0S1	18	0.60	1.35	-40~+75	10	SMA-f	SMA-m	15* 19*13	CC20
16.0	22.0	JCC16K0T22K0S2	18	0.60	1.35	-40~+75	10	SMA-f	SMA-m	15*19*13	CC20

DUAL JUNCTION COAXIAL CIRCULATOR

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)	TYPE	OPTION	(mm)	CODE
0.132	0.144	JC2C0132T0144N1	36	1.20	1.30	0~60	150	N-f	N-m/ SMA-f(m)	140*70*22	CC25
0.144	0.148	JC2C0144T0148N1	36	1.20	1.30	0~60	150	N-f	N-m/ SMA-f(m)	140*70*22	CC25
0.148	0.156	JC2C0148T0156N1	36	1.20	1.30	0~60	150	N-f	N-m/ SMA-f(m)	140*70*22	CC25
0.156	0.174	JC2C0156T0174N1	36	1.20	1.30	0~60	150	N-f	N-m/ SMA-f(m)	140*70*22	CC25
0.300	0.420	JC2C0300T0420N20	36	1.00	1.30	-30~+60	200	N-f	N-m/ SMA-f(m)	104*57.5*22	CC26
0.380	0.460	JC2C0380T0460N20	40	0.80	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	104*57.5*22	CC26
0.470	0.512	JC2C0470T0512N20	50	0.50	1.15	-30~+60	200	N-f	N-m/ SMA-f(m)	104*57.5*22	CC26
0.512	0.698	JC2C0512T0698N20	40	0.80	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	104*57.5*22	CC26
0.698	0.806	JC2C0698T0806N2	40	0.80	1.25	-30~+60	200	N-f	N-m/ SMA-f(m)	104*57.5*22	CC26
0.800	0.860	JC2C0800T0860S10	40	0.50	1.20	-30~+68	100	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
0.800	1.000	JC2C0800T1000S10	40	0.80	1.20	-30~+69	100	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
0.824	0.849	JC2C0824T0849S15	50	0.45	1.15	-30~+70	150	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
0.850	0.869	JC2C0850T0869N20	60	0.50	1.20	-30~+71	200	N-f	N-m/ SMA-f(m)	60*43*20	CC22
0.860	0.885	JC2C0860T0885S10	50	0.40	1.20	-30~+72	100	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
0.860	0.930	JC2C0860T0930S10	40	0.50	1.20	-30~+73	100	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
0.860	0.960	JC2C0860T0960S15	42	0.80	1.15	-30~+74	150	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
0.898	0.923	JC2C0898T0923S10	50	0.40	1.20	-30~+75	100	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
0.925	0.960	JC2C0925T0960S15	50	0.45	1.15	-30~+76	150	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
0.930	1.000	JC2C0930T1000S10	40	0.80	1.20	-30~+77	100	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
0.935	0.960	JC2C0935T0960S10	50	0.40	1.20	-30~+78	100	SMA-f	N-f(m)/SMA-m	60*43*20	CC22
1.710	1.785	JC2C1710T1785S10	50	0.45	1.15	-30~+75	100	SMA-f	N-f(m)/SMA-m	58*28.5*20	CC27
1.805	1.880	JC2C1805T1880S10	50	0.45	1.15	-30~+75	100	SMA-f	N-f(m)/SMA-m	58*28.5*20	CC27
1.805	1.990	JC2C1805T1990S10	40	0.80	1.25	-30~+75	100	SMA-f	N-f(m)/SMA-m	58*28.5*20	CC27
1.930	1.990	JC2C1930T1990S10	50	0.45	1.15	-30~+75	100	SMA-f	N-f(m)/SMA-m	58*28.5*20	CC27
2.110	2.170	JC2C2110T2170S10	50	0.45	1.15	-30~+75	100	SMA-f	N-f(m)/SMA-m	58*28.5*20	CC27
2.300	2.500	JC2C2300T2500S10	23	0.30	1.20	-30~+75	100	SMA-f	SMA-m	58*28.5*20	CC27
2.500	2.700	JC2C2500T2700S10	23	0.30	1.20	-30~+75	100	SMA-f	SMA-m	58*28.5*20	CC27
3.300	3.800	JC2C3300T3800S10	21	0.40	1.25	-30~+75	100	SMA-f	SMA-m	64*34*18	CC28
5.400	5.90	JC2C5400T5900S1	50	0.60	1.25	-40~+75	10	SMA-f	N-f(m)/SMA-m	30*21*14	CC23

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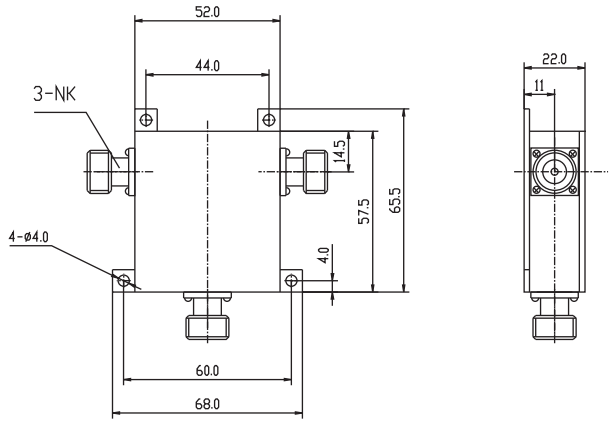
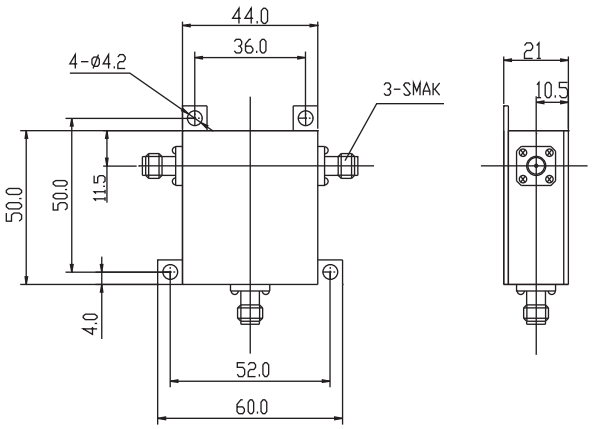
COAXIAL CIRCULATOR

SELECT-A-FREQUENCY COAXIAL CIRCULATOR							
FREQUENCY (GHz)		BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING
F1~F2		UP TO	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)
0.300	0.600	30MHz	25	0.30	1.20	-15~+60	150
0.300	0.600	50MHz	20	0.40	1.25	-15~+60	150
0.600	1.000	30MHz	25	0.30	1.20	-30~+70	150
0.600	1.000	200MHz	20	0.40	1.25	-30~+70	150
0.800	1.200	70MHz	25	0.30	1.20	-30~+70	100
0.800	1.200	200MHz	20	0.40	1.25	-30~+70	100
1.000	2.000	70MHz	25	0.30	1.20	-30~+70	100
1.000	2.000	200MHz	20	0.40	1.25	-30~+70	100
1.400	2.400	70MHz	25	0.30	1.20	-30~+70	100
1.800	3.500	200MHz	25	0.30	1.20	-30~+70	100
1.800	3.500	400MHz	20	0.40	1.25	-30~+70	100
3.500	6.500	300MHz	25	0.30	1.20	-40~+75	60
3.500	6.500	600MHz	23	0.40	1.20	-40~+75	60
5.000	8.000	300MHz	25	0.30	1.20	-40~+75	30
5.000	8.000	600MHz	23	0.40	1.20	-40~+75	30
7.000	18.000	500MHz	25	0.30	1.20	-40~+75	10
7.000	18.000	1000MHz	23	0.40	1.20	-40~+75	10
SELECT-A-FREQUENCY DUAL JUNCTION COAXIAL CIRCULATOR (HIGH ISOLATION)							
FREQUENCY (GHz)		BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING
F1~F2		UP TO	(dB) MIN	(dB) MAX	MAX	TEMP(℃)	FWD/REV (w)
0.300	0.500	30MHz	50	0.50	1.20	-15~+60	150
0.800	1.200	25MHz	50	0.40	1.20	-30~+70	100
1.600	2.700	70MHz	48	0.40	1.20	-30~+70	100
2.700	5.000	50MHz	50	0.40	1.20	-30~+70	60
5.000	7.000	300MHz	50	0.60	1.20	-40~+75	30
7.000	18.000	1000MHz	50	0.50	1.20	-40~+75	10



CC01-COAXIAL CIRCULATOR



CC02-COAXIAL CIRCULATOR

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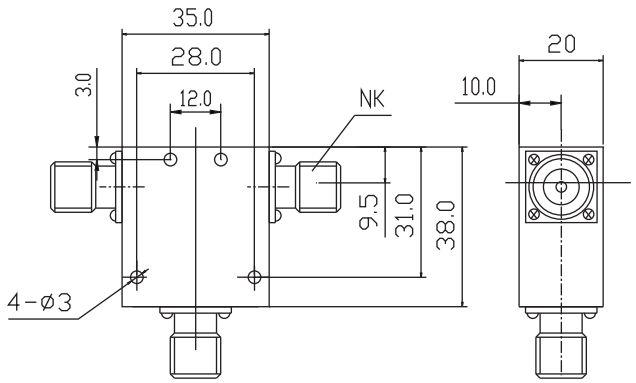

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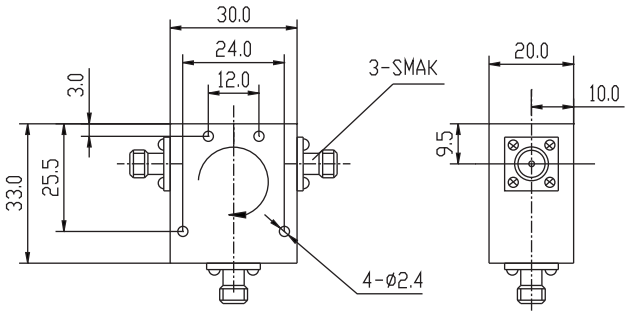

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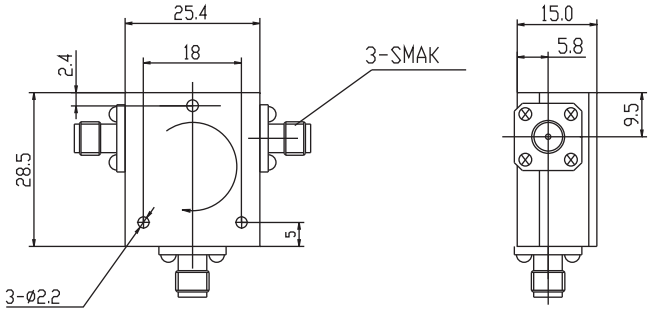

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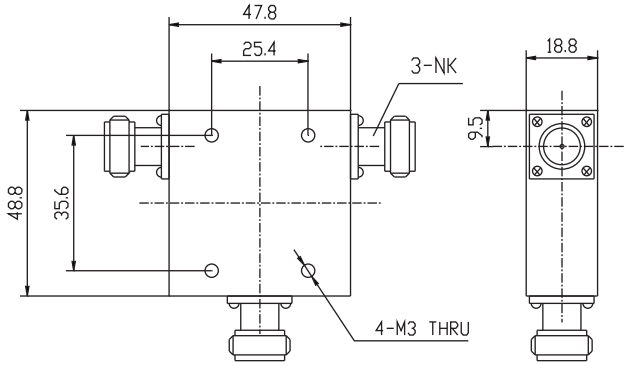

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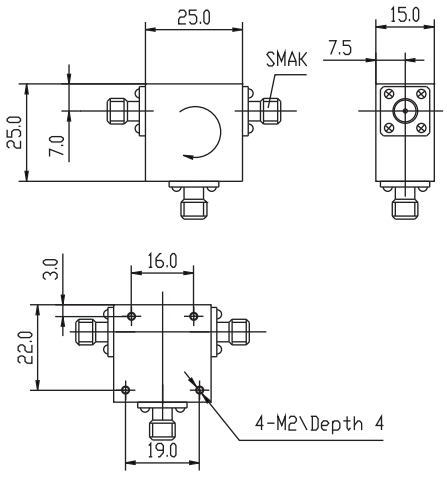

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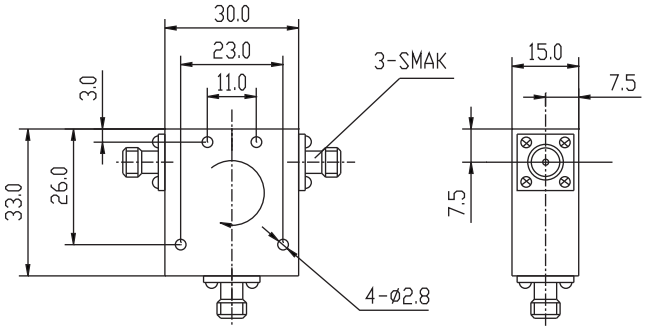

CC08-COAXIAL CIRCULATOR

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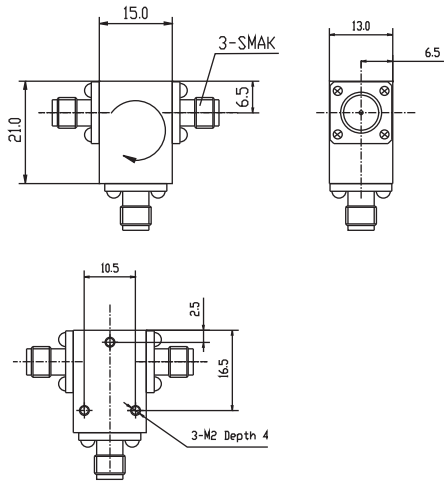

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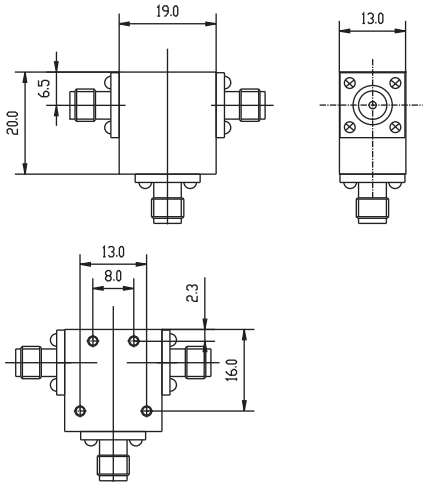
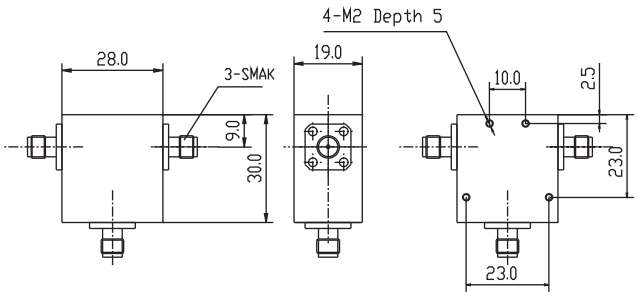
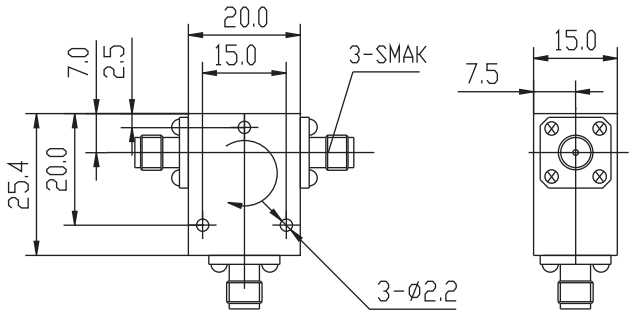


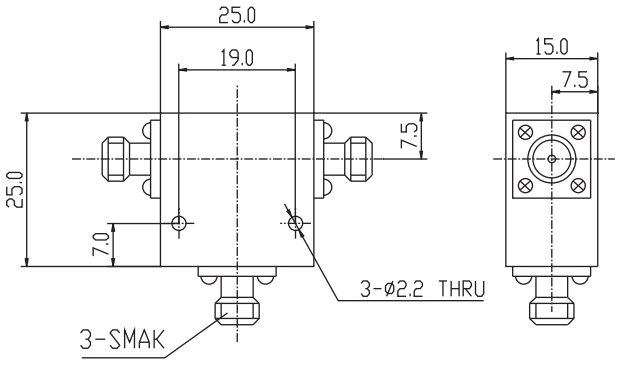
CC10-COAXIAL CIRCULATOR



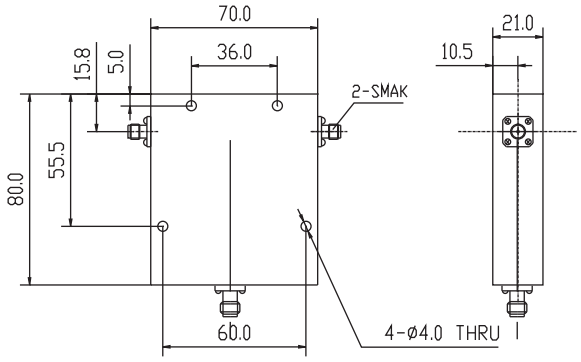
CC11-COAXIAL CIRCULATOR



CC12-COAXIAL CIRCULATOR



CC13-COAXIAL CIRCULATOR



CC14-COAXIAL CIRCULATOR

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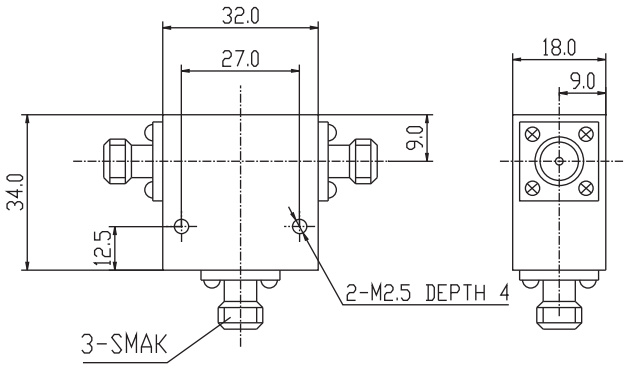
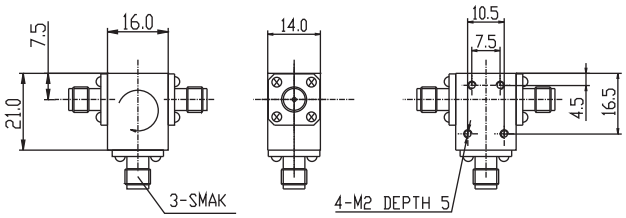
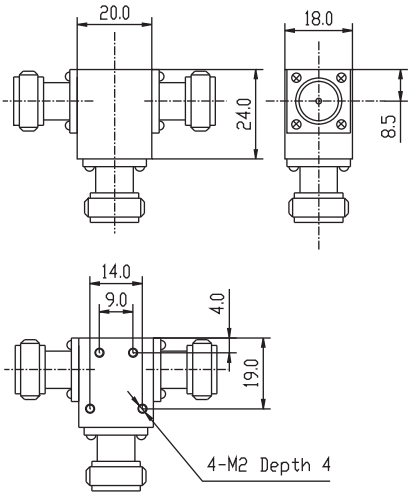


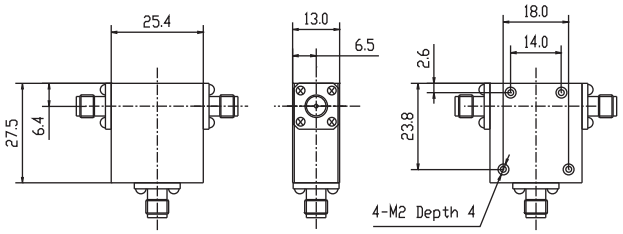
CC15-COAXIAL CIRCULATOR



CC16-COAXIAL CIRCULATOR



CC17-COAXIAL CIRCULATOR



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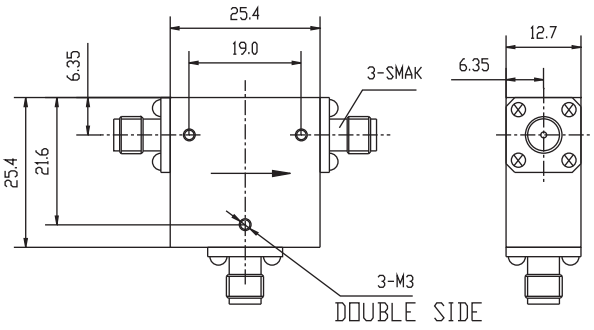
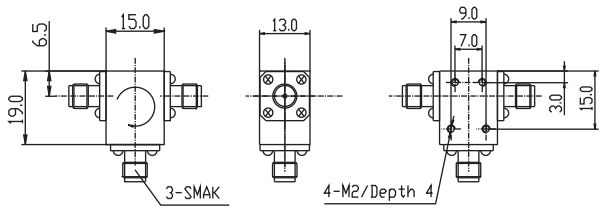


CC19-COAXIAL CIRCULATOR



CC20-COAXIAL CIRCULATOR

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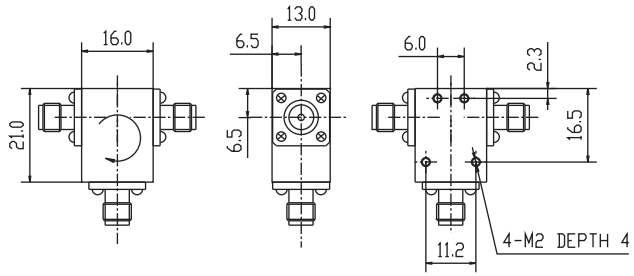
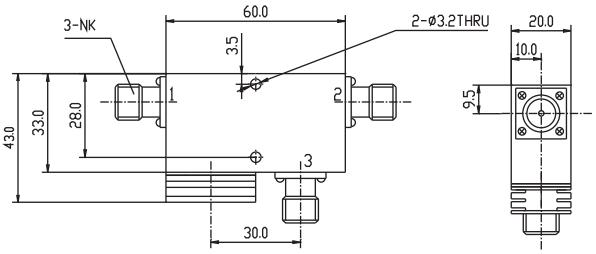
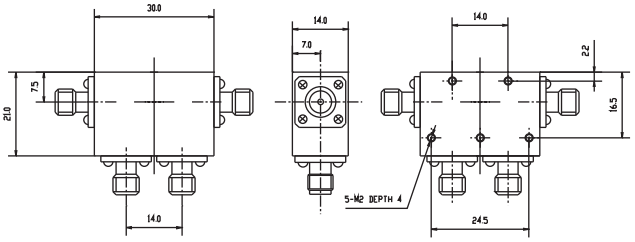
Website:www.jqlelectronics.com email: sales@jqlelectronics.com



CC21-COAXIAL CIRCULATOR



CC22-COAXIAL CIRCULATOR



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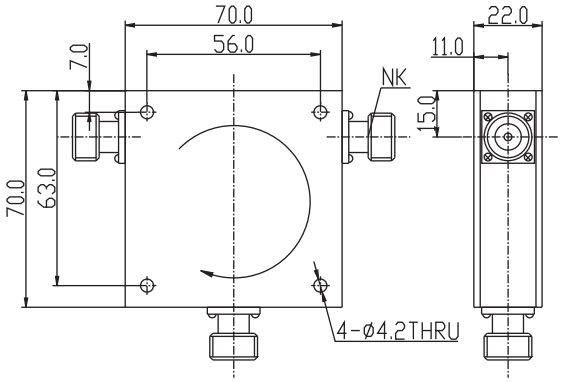
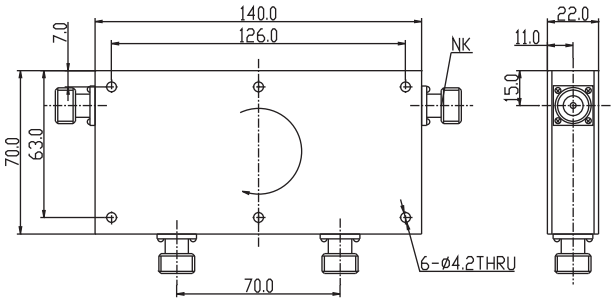
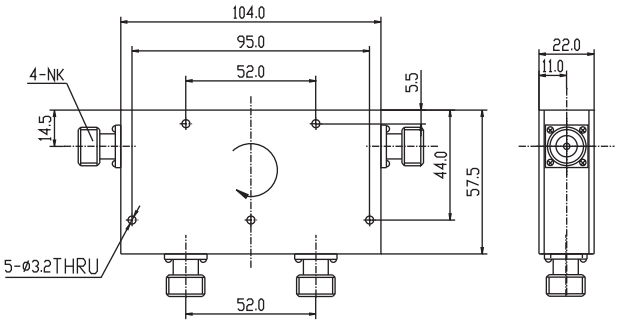


CC24-COAXIAL CIRCULATOR



CC25-COAXIAL CIRCULATOR



CC26-COAXIAL CIRCULATOR

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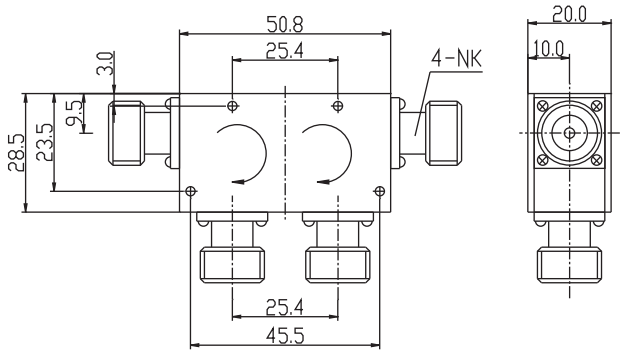
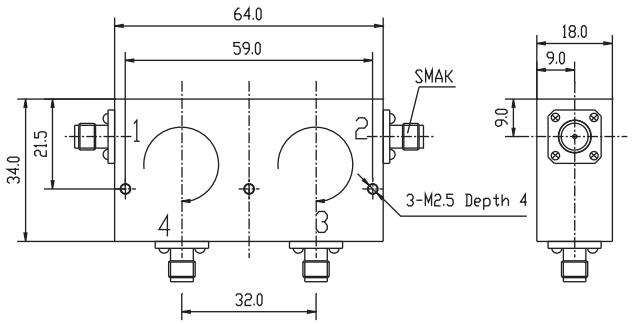


CC27-COAXIAL CIRCULATOR



CC28-COAXIAL CIRCULATOR

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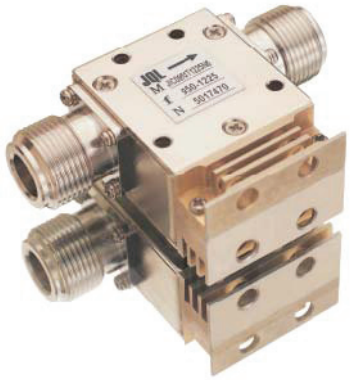
COAXIAL ISOLATOR

- Broad Selection of Frequency and Bandwidth (300Mhz-18Ghz, from 3% to Full Bandwidth)
- Military, Space and Commercial Applications
- High Power Handling
- High Typical Isolation Above 25dB Per Junction
- Low Insertion Loss Below 0.3dB
- SMA M/F, N-M/F, Removable SMA Connectors
- Attenuator Option Available
- Wide Operation Temperature Range
- Custom Design Available Upon Request



COAXIAL ISOLATOR BY APPLICATION

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV(W)	DEFAULT	OPTION	(mm)	CODE
VHF APPLICATION											
0.132	0.144	JIC0132T0144N10	18	0.60	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	70*70*22	IC34
0.144	0.148	JIC0144T0148N10	18	0.60	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	70*70*22	IC34
0.148	0.156	JIC0148T0156N10	18	0.60	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	70*70*22	IC34
0.156	0.174	JIC0156T0174N10	18	0.60	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	70*70*22	IC34
UHF / TETRA APPLICATION											
0.300	0.420	JIC0300T0420N10	18	0.50	1.30	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.380	0.400	JIC0380T0400N10	25	0.25	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.380	0.460	JIC0380T0460N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.410	0.430	JIC0410T0430N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.420	0.450	JIC0420T0450N10	25	0.25	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.450	0.470	JIC0450T0470N10	25	0.25	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.470	0.512	JIC0470T0512N10	25	0.25	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.512	0.698	JIC0512T0698N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.698	0.806	JIC0698T0806N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
DIGITAL TV APPLICATION											
0.470	0.600	JIC0470T0600N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
RFID APPLICATION											
0.860	0.872	JIC0860T0872S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.860	0.960	JIC0860T0960S10	21	0.40	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.902	0.928	JIC0902T0928S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.950	0.956	JIC0950T0956S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
CELLULAR GSM APPLICATION											
0.800	0.960	JIC0800T0960S10	20	0.40	1.25	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.824	0.849	JIC0824T0849S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.869	0.894	JIC0869T0894S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.869	0.960	JIC0869T0960S10	20	0.40	1.25	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.876	0.880	JIC0876T0880S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.880	0.915	JIC0880T0915S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.890	0.915	JIC0890T0915S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.921	0.925	JIC0921T0925S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.923	0.962	JIC0923T0962S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.925	0.960	JIC0925T0960S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.935	0.960	JIC0935T0960S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
CELLULAR DCS/PCS APPLICATION											
1.710	1.785	JIC1710T1785S10	25	0.25	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.803	1.882	JIC1803T1882S10	25	0.25	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.805	1.880	JIC1805T1880S10	25	0.25	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.805	1.990	JIC1805T1990S10	20	0.40	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.850	1.910	JIC1805T1910S10	20	0.40	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.930	1.990	JIC1930T1990S10	25	0.25	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
CELLULAR UMTS/CDMA APPLICATION											
2.080	2.200	JIC2080T2200S10	21	0.40	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
2.110	2.170	JIC2110T2170S10	25	0.25	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
WIMAX / WIBRO APPLICATION											
2.300	2.500	JIC2300T2500S1	23	0.30	1.20	-30~+75	100/15	SMA-f	SMA-m	25*25*15	IC15
2.496	2.690	JIC2496T2690S1	23	0.30	1.20	-30~+75	100/15	SMA-f	SMA-m	25*25*15	IC15
2.500	2.700	JIC2500T2700S1	23	0.30	1.20	-30~+75	100/15	SMA-f	SMA-m	20*25*14	IC14
3.300	3.500	JIC3300T3500S1	23	0.30	1.20	-30~+75	100/15	SMA-f	SMA-m	25*25*15	IC15
3.300	3.800	JIC3300T3800S1	21	0.40	1.20	-30~+75	100/15	SMA-f	SMA-m	25*25*15	IC15
3.400	3.600	JIC3400T3600S1	23	0.30	1.20	-30~+75	100/15	SMA-f	SMA-m	25*25*15	IC15

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NARROWBAND COAXIAL ISOLATOR

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	DEFAULT	OPTION	(mm)	CODE
0.132	0.144	JIC0132T0144N10	18	0.60	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	70*70*22	IC34
0.144	0.148	JIC0144T0148N10	18	0.60	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	70*70*22	IC34
0.148	0.156	JIC0148T0156N10	18	0.60	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	70*70*22	IC34
0.156	0.174	JIC0156T0174N10	18	0.60	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	70*70*22	IC34
0.300	0.420	JIC0300T0420N10	18	0.50	1.30	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.380	0.400	JIC0380T0400N10	25	0.25	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.380	0.460	JIC0380T0460N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.380	0.460	JIC0380T0460N15	20	0.40	1.25	-15~+60	200/150	N-f	N-m/SMA-f(m)	52*85*22	IC02
0.390	0.450	JIC0390T0450S2	20	0.40	1.25	-15~+60	100/25	SMA-f	N-f(m)/SMA-m	52*58*22	IC01
0.390	0.450	JIC0390T0450N15	20	0.40	1.25	-15~+60	200/150	N-f	N-m/SMA-f(m)	52*85*22	IC02
0.410	0.430	JIC0410T0430N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.420	0.450	JIC0420T0450N10	25	0.25	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.420	0.450	JIC0420T0450S2	25	0.30	1.20	-15~+60	100/25	SMA-f	N-f(m)/SMA-m	52*58*22	IC01
0.420	0.450	JIC0420T0450N15	25	0.30	1.20	-15~+60	200/150	N-f	N-m/SMA-f(m)	52*85*22	IC02
0.450	0.470	JIC0450T0470N10	25	0.25	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.470	0.512	JIC0470T0512N10	25	0.25	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.470	0.600	JIC0470T0600N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.512	0.698	JIC0512T0698N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.698	0.806	JIC0698T0806N10	20	0.40	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	52*85*22	IC02
0.800	0.960	JIC0800T0960S10	20	0.40	1.25	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.800	0.960	JIC0800T0960S1	20	0.40	1.25	-30~+70	100/10	SMA-f	N-f(m)/SMA-m	35*38*20	IC03
0.800	0.960	JIC0800T0960S15	20	0.40	1.25	-30~+70	200/150	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.824	0.849	JIC0824T0849S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.850	0.950	JIC0850T0950S1	20	0.40	1.25	-30~+70	100/10	SMA-f	N-f(m)/SMA-m	35*38*20	IC03
0.850	0.950	JIC0850T0950S15	20	0.40	1.25	-30~+70	200/150	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.860	0.872	JIC0860T0872S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.860	0.960	JIC0860T0960S10	21	0.40	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.869	0.894	JIC0869T0894S6	25	0.30	1.15	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
0.869	0.894	JIC0869T0894S1	25	0.30	1.15	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC08
0.869	0.894	JIC0869T0894S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.869	0.960	JIC0869T0960S10	20	0.40	1.25	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.876	0.880	JIC0876T0880S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.880	0.915	JIC0880T0915S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.890	0.915	JIC0890T0915S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.902	0.928	JIC0902T0928S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.921	0.925	JIC0921T0925S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.923	0.962	JIC0923T0962S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.925	0.960	JIC0925T0960S6	25	0.30	1.15	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
0.925	0.960	JIC0925T0960S1	25	0.30	1.15	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC08
0.925	0.960	JIC0925T0960S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.935	0.960	JIC0935T0960S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.950	0.956	JIC0950T0956S10	25	0.25	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	35*60*20	IC04
0.950	1.225	JIC0950T1225N1	20	0.40	1.25	-30~+70	100/10	N-f	N-m/SMA-f(m)	30*33*20	IC05
0.950	1.225	JIC0950T1225N6	19	0.50	1.25	-30~+70	100/60	N-f	N-m/SMA-f(m)	30*43*20	IC07
0.950	1.225	JIC0950T1225S1	20	0.40	1.25	-30~+70	100/10	SMA-f	SMA-m	30*33*15	IC09
0.980	1.140	JIC0980T1140S1	20	0.50	1.25	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC08
1.000	1.100	JIC1000T1100S6	22	0.35	1.22	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.000	1.100	JIC1000T1100S1	22	0.35	1.22	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC08
1.200	1.400	JIC1200T1400S6	20	0.40	1.25	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.200	1.400	JIC1200T1400S1	20	0.40	1.25	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC08
1.435	1.535	JIC1435T1535S6	22	0.35	1.22	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.435	1.535	JIC1435T1535S1	22	0.35	1.22	-30~+70	100/10	SMA-f	SMA-m	20*25.4*15	IC13
1.500	1.600	JIC1500T1600S6	22	0.35	1.22	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.500	1.600	JIC1500T1600S1	22	0.35	1.22	-30~+70	100/10	SMA-f	SMA-m	20*25.4*15	IC13
1.600	1.800	JIC1600T1800S6	20	0.40	1.25	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.600	1.800	JIC1600T1800S1	20	0.40	1.25	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC08
1.710	1.785	JIC1710T1785S10	25	0.25	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.800	2.100	JIC1800T2100S0	20	0.40	1.20	-30~+70	60/5	SMA-f	N-f(m)/SMA-m	28*30*19	IC12
1.800	2.100	JIC1800T2100S1	20	0.40	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
1.803	1.882	JIC1803T1882S10	25	0.25	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.805	1.880	JIC1805T1880S10	25	0.25	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.805	1.880	JIC1805T1880S6	25	0.30	1.20	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.805	1.880	JIC1805T1880S1	25	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	20*25.4*15	IC13
1.805	1.990	JIC1805T1990S10	20	0.40	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.805	1.910	JIC1805T1910S10	20	0.40	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.920	1.980	JIC1920T1980S1	25	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
1.920	2.170	JIC1920T2170S2	20	0.35	1.20	-30~+70	100/25	SMA-f	SMA-m	25*25*15	IC15
1.930	1.990	JIC1930T1990S6	25	0.30	1.20	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
1.930	1.990	JIC1930T1990S1	25	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	20*25.4*15	IC13
1.930	1.990	JIC1930T1990S10	25	0.25	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06

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COAXIAL ISOLATOR

NARROWBAND COAXIAL ISOLATOR

FREQUENCY(GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB)MIN	(dB)MAX	MAX	TEMP(°C)	FWD/REV(W)	DEFAULT	OPTION	(mm)	CODE
2.000	2.330	JIC2000T2330S0	20	0.40	1.20	-30~+70	60/5	SMA-f	N-f(m)/SMA-m	28*30*19	IC12
2.000	2.330	JIC2000T2330S1	20	0.40	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
2.000	2.400	JIC2000T2400S1	20	0.40	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
2.000	2.500	JIC2000T2500S1	20	0.40	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
2.070	2.140	JIC2070T2140S0	25	0.30	1.20	-30~+70	60/5	SMA-f	N-f(m)/SMA-m	28*30*19	IC12
2.070	2.140	JIC2070T2140S1	25	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	20*25*14	IC14
2.080	2.200	JIC2080T2200S10	21	0.40	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
2.110	2.170	JIC2110T2170S10	25	0.25	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	25.4*38.5*20	IC06
2.100	2.300	JIC2100T2300S0	25	0.30	1.20	-30~+70	60/5	SMA-f	N-f(m)/SMA-m	28*30*19	IC12
2.100	2.300	JIC2100T2300S1	23	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	20*25*14	IC14
2.110	2.170	JIC2110T2170S1	25	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
2.200	2.300	JIC2200T2300N1	25	0.30	1.20	-30~+70	100/10	N-f	N-m/SMA-f(m)	28*30*19	IC12
2.200	2.300	JIC2200T2300S1	23	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	20*25*14	IC14
2.200	2.300	JIC2200T2300S2	25	0.30	1.20	-30~+70	100/20	SMA-f	SMA-m	25*25*15	IC15
2.200	2.500	JIC2200T2500S0	20	0.40	1.20	-30~+70	60/5	SMA-f	N-f(m)/SMA-m	28*30*19	IC12
2.200	2.500	JIC2200T2500S1	20	0.40	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
2.300	2.500	JIC2300T2500S1	23	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
2.300	2.700	JIC2300T2700S2	20	0.40	1.20	-30~+70	100/25	SMA-f	SMA-m	25*25*15	IC15
2.496	2.690	JIC2496T2690S1	23	0.30	1.20	-30~+75	100/15	SMA-f	SMA-m	25*25*15	IC15
2.500	2.700	JIC2500T2700S0	25	0.30	1.20	-30~+70	60/5	SMA-f	N-f(m)/SMA-m	28*30*19	IC12
2.500	2.700	JIC2500T2700S1	23	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	20*25*14	IC14
2.500	2.700	JIC2500T2700S2	25	0.30	1.20	-30~+70	100/25	SMA-f	SMA-m	25*25*15	IC15
2.700	2.900	JIC2700T2900S1	25	0.30	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
2.700	3.100	JIC2700T3100S0	20	0.40	1.20	-30~+70	60/5	SMA-f	N-f(m)/SMA-m	28*30*19	IC12
2.700	3.100	JIC2700T3100S1	20	0.40	1.20	-30~+70	100/10	SMA-f	SMA-m	25*25*15	IC15
3.000	3.500	JIC3000T3500S1	18	0.50	1.25	-30~+70	25/10	SMA-f	SMA-m	25*25*15	IC15
3.300	3.500	JIC3300T3500S1	23	0.30	1.20	-30~+75	100/15	SMA-f	SMA-m	25*25*15	IC15
3.300	3.800	JIC3300T3800S1	21	0.40	1.20	-30~+75	100/15	SMA-f	SMA-m	25*25*15	IC15
3.300	4.900	JIC3300T4900S1	20	0.50	1.25	-30~+70	25/10	SMA-f	SMA-m	25*25*15	IC15
3.400	3.600	JIC3400T3600S1	23	0.30	1.20	-30~+75	100/15	SMA-f	SMA-m	25*25*15	IC15
3.700	4.200	JIC3700T4200N1	23	0.40	1.20	-40~+75	25/10	N-f	N-m/SMA-f(m)	16*26*19	IC18
3.700	4.200	JIC3700T4200S1	23	0.40	1.20	-40~+75	25/10	SMA-f	SMA-m	16*26*13	IC22
4.000	4.200	JIC4000T4200S1	25	0.30	1.20	-30~+75	25/10	SMA-f	SMA-m	16*26*13	IC22
4.200	4.400	JIC4200T4400N1	25	0.30	1.20	-40~+75	25/10	N-f	N-m/SMA-f(m)	16*26*19	IC18
4.200	4.400	JIC4200T4400S1	25	0.30	1.20	-40~+75	25/10	SMA-f	SMA-m	16*26*13	IC22
4.400	5.000	JIC4400T5000S1	23	0.40	1.20	-40~+75	25/10	SMA-f	SMA-m	16*26*13	IC22
4.415	5.015	JIC4415T5015S1	23	0.40	1.20	-40~+75	25/10	SMA-f	SMA-m	16*26*13	IC22
5.000	7.000	JIC5000T7000S1	20	0.50	1.25	-35~+75	25/10	SMA-f	SMA-m	16*26*13	IC22
5.150	5.650	JIC5150T5650N1	23	0.40	1.20	-40~+75	25/10	N-f	N-m/SMA-f(m)	16*26*19	IC18
5.150	5.650	JIC5150T5650S1	25	0.30	1.20	-40~+75	25/10	SMA-f	SMA-m	16*24*14	IC20
5.400	5.900	JIC5400T5900N1	23	0.40	1.20	-40~+75	25/10	N-f	N-m/SMA-f(m)	16*26*19	IC18
5.400	5.900	JIC5400T5900S1	23	0.40	1.20	-40~+75	25/10	SMA-f	SMA-m	16*24*14	IC20
5.700	7.100	JIC5700T7100S1	20	0.50	1.22	-35~+80	25/10	SMA-f	SMA-m	16*26*13	IC22
5.800	6.500	JIC5800T6500S1	20	0.40	1.25	-40~+75	25/10	SMA-f	SMA-m	16*24*14	IC20
5.850	6.425	JIC5850T6425S1	23	0.40	1.20	-40~+75	25/10	SMA-f	SMA-m	16*24*14	IC20
5.850	6.650	JIC5850T6650S1	18	0.50	1.25	-40~+75	25/10	SMA-f	SMA-m	16*24*14	IC20
6.375	6.975	JIC6375T6975S1	23	0.40	1.20	-40~+75	25/10	SMA-f	SMA-m	16*26*13	IC22
6.400	7.100	JIC6400T7100S1	21	0.40	1.20	-40~+75	25/15	SMA-f	SMA-m	16*24*14	IC20
6.500	7.200	JIC6500T7200S1	20	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	16*24*14	IC20
6.700	7.100	JIC6700T7100S1	25	0.30	1.20	-40~+75	15/10	SMA-f	SMA-m	16*24*14	IC20
6.710	7.420	JIC6710T7420S1	20	0.40	1.25	-35~+80	15/10	SMA-f	SMA-m	16*24*14	IC20
7.000	7.700	JIC7000T7700S1	23	0.40	1.20	-40~+75	15/10	SMA-	SMA-m	12*20*13	IC25
7.200	8.400	JIC7200T8400S1	20	0.50	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
7.825	8.475	JIC7825T8475S1	23	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
8.500	9.600	JIC8500T9600S1	23	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
9.500	15.500	JIC9500T15K5S1	18	0.60	1.30	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25

NARROWBAND COAXIAL ISOLATOR

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	DEFAULT	OPTION	(mm)	CODE
10.000	12.000	JIC10K0T12K0S1	20	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
10.000	15.000	JIC10K0T15K0S1	20	0.50	1.25	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
10.500	11.300	JIC10K5T11K3S1	23	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
10.500	11.800	JIC10K5T11K8G1	21	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
11.000	12.000	JIC11K0T12K0S1	23	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
11.000	12.790	JIC11K0T12K8S1	20	0.50	1.25	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
11.000	14.000	JIC11K0T14K0S1	20	0.50	1.25	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
11.450	12.750	JIC11K4T12K8S1	20	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
12.000	12.800	JIC12K0T12K8S1	25	0.30	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
12.075	12.925	JIC12K0T13K0S1	21	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
12.500	13.350	JIC12K5T13K4S1	21	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
12.750	14.500	JIC12K7T14K5S1	20	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
13.000	15.000	JIC13K0T15K0S1	20	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
14.400	14.800	JIC14K4T14K8S1	25	0.30	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
14.400	14.800	JIC14K4T14k8S2	22	0.35	1.20	-40~+75	25/10	SMA-f	SMA-m	12*20*13	IC25
14.500	15.350	JIC14K5T15K4S1	21	0.40	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
14.900	15.200	JIC14K9T15K2S1	25	0.30	1.20	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
15.000	18.000	JIC15K0T18K0S1	18	0.50	1.25	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25
16.000	18.000	JIC16K0T18K0S1	20	0.50	1.25	-40~+75	15/10	SMA-f	SMA-m	12*20*13	IC25

BROADBAND COAXIAL ISOLATOR

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1~F2 GHz		NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	DEFAULT	OPTION	(mm)	CODE
0.950	1.225	JIC0950T1225N1	20	0.40	1.25	-30~+70	60/10	N-f	N-m/SMA-f(m)	30*33*20	IC05
0.950	1.225	JIC0950T1225N6	19	0.50	1.25	-30~+70	100/60	N-f	N-m/SMA-f(m)	30*43*20	IC07
0.950	1.225	JIC0950T1225S1	20	0.40	1.25	-30~+70	60/10	SMA-f	N-f(m)/SMA-m	30*33*15	IC09
1.000	2.000	JIC1000T2000S1	16	0.70	1.4	-15~+60	30/10	SMA-f	N-f(m)/SMA-m	70*80*21	IC16
2.000	4.000	JIC2000T4000S1	18	0.60	1.4	-30~+70	30/10	SMA-f	N-f(m)/SMA-m	32*34*18	IC17
2.000	8.000	JIC2000T8000S1	12	1.50	1.8	-30~+70	30/10	SMA-f	N-f(m)/SMA-m	60*42*19	IC19
2.200	2.800	JIC2200T2800S0	18	0.50	1.25	-30~+70	30/5	SMA-f	N-f(m)/SMA-m	28*30*19	IC12
3.000	6.000	JIC3000T6000S1	17	0.60	1.4	-30~+70	30/10	SMA-f	SMA-m	25.4*34.5*13	IC21
3.400	4.200	JIC3400T4200S1	18	0.50	1.3	-30~+70	30/10	SMA-f	SMA-m	25.4*34.5*13	IC21
4.000	5.000	JIC4000T5000S1	20	0.40	1.25	-30~+70	15/10	SMA-f	SMA-m	25.4*31.4*12.7	IC23
4.000	8.000	JIC4000T8000S1	18	0.60	1.3	-30~+70	15/10	SMA-f	SMA-m	25.4*31.4*12.7	IC23
6.000	12.000	JIC6000T12K0S1	18	0.60	1.4	-40~+75	15/10	SMA-f	SMA-m	16*26*13	IC27
6.000	18.000	JIC6000T18K0S1	12	1.50	1.8	-40~+75	15/10	SMA-f	SMA-m	19*27*13	IC11
6.500	18.000	JIC6500T18K0S1	12	1.50	1.8	-40~+75	15/10	SMA-f	SMA-m	19*27*13	IC11
7.000	9.000	JIC7000T9000S1	18	0.60	1.4	-40~+75	15/10	SMA-f	SMA-m	16*26*13	IC27
7.000	10.000	JIC7000T10K0S1	18	0.60	1.4	-40~+75	15/10	SMA-f	SMA-m	16*26*13	IC27
7.000	18.000	JIC7000T18K0S1	12	1.50	1.8	-40~+75	15/10	SMA-f	SMA-m	19*27*13	IC10
8.000	10.000	JIC8000T10K0S1	20	0.50	1.25	-30~+70	15/10	SMA-f	SMA-m	12*20*13	IC24
8.000	12.400	JIC8000T12K4S1	20	0.50	1.25	-30~+70	15/10	SMA-f	SMA-m	12*20*13	IC24
8.000	16.000	JIC8000T16K0S1	17	0.80	1.4	-40~+75	15/10	SMA-f	SMA-m	15*23*13	IC10
8.000	18.000	JIC8000T18K0S1	17	0.80	1.4	-30~+70	15/10	SMA-f	SMA-m	15*23*13	IC10
10.000	15.000	JIC10K0T15K0S1	20	0.50	1.25	-30~+70	15/10	SMA-f	SMA-m	12*20*13	IC25
10.000	15.000	JIC10K0T15K0N1	20	0.50	1.25	-30~+70	15/10	N-f	N-m/SMA-f(m)	12*23*19	IC26
12.000	15.000	JIC12K0T15K0S1	20	0.50	1.25	-30~+70	15/10	SMA-f	SMA-m	12*20*13	IC25
12.000	18.000	JIC12K0T18K0S1	20	0.60	1.3	-30~+70	15/10	SMA-f	SMA-m	12*20*13	IC24
16.000	22.000	JIC16K0T22K0S0	20	0.60	1.3	-30~+70	10/5	SMA-f	SMA-m	12*20*13	IC24

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DUAL JUNCTION COAXIAL ISOLATOR

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING	CONNECTOR	CONNECTOR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	DEFAULT	OPTION	(mm)	CODE
0.132	0.144	JI2C0132T0144N10	36	1.20	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	140*70*22	IC35
0.144	0.148	JI2C0144T0148N10	36	1.20	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	140*70*22	IC35
0.148	0.156	JI2C0148T0156N10	36	1.20	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	140*70*22	IC35
0.156	0.174	JI2C0156T0174N10	36	1.20	1.30	0~60	150/100	N-f	N-m/ SMA-f(m)	140*70*22	IC35
0.300	0.420	JI2C0300T0420N10	36	1.00	1.30	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.380	0.400	JI2C0380T0400N10	50	0.50	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.380	0.460	JI2C0380T0460N10	40	0.80	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.390	0.400	JI2C0390T0400N10	50	0.50	1.25	-15~+60	200/100	N-f	N-m/SMA-f(m)	104*57.5*22	IC28
0.390	0.450	JI2C0390T0450N1	50	0.60	1.22	-15~+60	100/10	N-f	N-m/SMA-f(m)	104*57.5*22	IC28
0.400	0.455	JI2C0400T0455N1	50	0.60	1.22	-15~+60	100/10	N-f	N-m/SMA-f(m)	104*57.5*22	IC28
0.410	0.430	JI2C0410T0430N10	50	0.50	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.420	0.450	JI2C0420T0450N10	50	0.50	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.420	0.450	JI2C0420T0450S15	50	0.50	1.25	-15~+60	200/150	SMA-f	N-f(m)/SMA-m	104*57.5*22	IC28
0.450	0.470	JI2C0450T0470N10	50	0.50	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.450	0.480	JI2C0450T0480N10	50	0.50	1.25	-15~+60	200/100	N-f	N-m/SMA-f(m)	104*57.5*22	IC28
0.470	0.512	JI2C0470T0512N10	50	0.50	1.15	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.470	0.600	JI2C0470T0600N10	40	0.80	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.512	0.698	JI2C0512T0698N10	45	0.80	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.698	0.806	JI2C0698T0806N10	40	0.80	1.25	-30~+60	200/100	N-f	N-m/ SMA-f(m)	104*57.5*22	IC28
0.800	0.860	JI2C0800T0860N1	40	0.50	1.20	-30~+70	100/10	N-f	N-m/SMA-f(m)	60*33*20	IC29
0.860	0.872	JI2C0860T0872S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.860	0.930	JI2C0860T0930N1	40	0.50	1.20	-30~+70	100/10	N-f	N-m/SMA-f(m)	60*33*20	IC29
0.860	0.960	JI2C0860T0960S10	42	0.80	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.869	0.894	JI2C0869T0894S6	50	0.40	1.20	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.902	0.928	JI2C0902T0928S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.950	0.956	JI2C0950T0956S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.800	0.960	JI2C0800T0960S10	40	0.80	1.25	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.824	0.849	JI2C0824T0849S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.869	0.894	JI2C0869T0894S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.869	0.960	JI2C0869T0960S10	40	0.80	1.25	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.876	0.880	JI2C0876T0880S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.880	0.915	JI2C0880T0915S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.890	0.915	JI2C0890T0915S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.921	0.925	JI2C0921T0925S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.925	0.960	JI2C0925T0960S6	50	0.40	1.20	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.923	0.962	JI2C0923T0962S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.925	0.960	JI2C0925T0960S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
0.935	0.960	JI2C0935T0960S10	50	0.50	1.15	-30~+75	150/100	SMA-f	N-f(m)/SMA-m	60*33*20	IC29
1.710	1.785	JI2C1710T1785S10	50	0.50	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
1.803	1.882	JI2C1803T1882S10	50	0.50	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
1.805	1.880	JI2C1805T1880S10	50	0.50	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
1.805	1.990	JI2C1805T1990S10	40	0.80	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
1.805	1.910	JI2C1805T1910S10	40	0.80	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
1.930	1.990	JI2C1930T1990S10	50	0.50	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
1.930	1.990	JI2C1930T1990S6	48	0.50	1.20	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
1.930	1.990	JI2C1930T1990S1	48	0.40	1.20	-30~+70	100/10	SMA-f	N-f(m)/SMA-m	40*27*18	IC31
2.080	2.200	JI2C2080T2200S10	42	0.80	1.25	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
2.070	2.140	JI2C2070T2140S6	48	0.40	1.20	-30~+70	100/60	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
2.070	2.140	JI2C2070T2140S1	48	0.40	1.20	-30~+70	100/10	SMA-f	N-f(m)/SMA-m	40*27*18	IC31
2.110	2.170	JI2C2110T2170S10	50	0.50	1.15	-30~+75	100/100	SMA-f	N-f(m)/SMA-m	46*32*20	IC30
2.300	2.500	JI2C2300T2500S1	46	0.60	1.20	-30~+75	100/15	SMA-f	SMA-m	40*27*18	IC31
2.496	2.690	JI2C2496T2690S1	46	0.60	1.20	-30~+75	100/15	SMA-f	SMA-m	40*27*18	IC31
2.500	2.700	JI2C2500T2700S1	46	0.60	1.20	-30~+75	100/15	SMA-f	SMA-m	40*27*18	IC31
3.300	3.500	JI2C3300T3500S1	46	0.60	1.20	-30~+75	100/15	SMA-f	SMA-m	40*27*18	IC31
3.300	3.800	JI2C3300T3800S1	42	0.80	1.20	-30~+75	100/15	SMA-f	SMA-m	40*27*18	IC31
3.400	3.600	JI2C3400T3600S1	46	0.60	1.20	-30~+75	100/15	SMA-f	SMA-m	40*27*18	IC31
5.850	6.650	J2IC5850T6650S1	50	0.60	1.20	-40~+75	15/10	SMA-f	SMA-m	30*21*14	IC32
7.000	7.700	JI2C7000T7700S1	50	0.50	1.20	-40~+75	15/10	SMA-f	SMA-m	24*20*13	IC33
7.825	8.475	JI2C7825T8475S1	50	0.50	1.20	-40~+75	15/10	SMA-f	SMA-m	24*20*13	IC33
8.500	9.600	JI2C8500T9600S1	50	0.50	1.20	-40~+75	15/10	SMA-f	SMA-m	24*20*13	IC33
10.000	12.000	JI2C10K0T12K0S1	50	0.50	1.20	-40~+75	15/10	SMA-f	SMA-m	24*20*13	IC33
10.500	11.300	JI2C10K5T11K3S1	50	0.50	1.20	-40~+75	15/10	SMA-f	SMA-m	24*20*13	IC33

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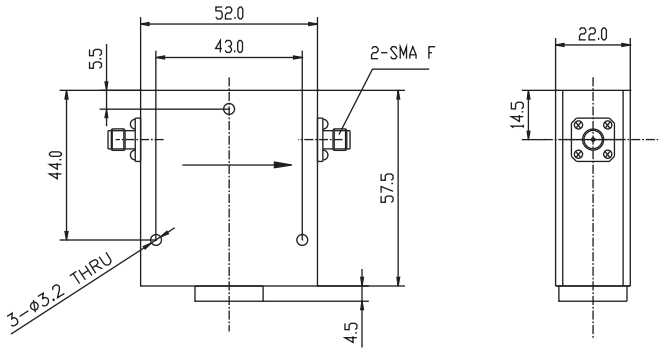
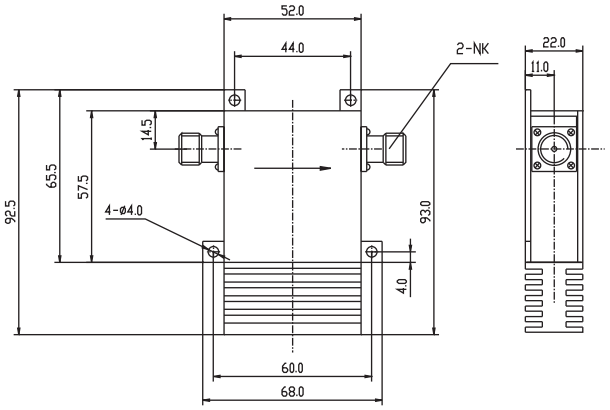
SELECT-A-FREQUENCY COAXIAL ISOLATOR							
FREQUENCY (GHz)		BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING
F1~F2		MHz	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (w)
0.300	0.600	30MHz	25	0.30	1.20	-15~+60	200/150
0.300	0.600	50MHz	20	0.40	1.25	-15~+60	200150
0.600	1.000	30MHz	25	0.30	1.20	-30~+70	200/150
0.600	1.000	200MHz	20	0.40	1.25	-30~+70	200150
0.800	1.200	70MHz	25	0.30	1.20	-30~+70	100/60
0.800	1.200	200MHz	20	0.40	1.25	-30~+70	100/60
1.000	2.000	70MHz	25	0.30	1.20	-30~+70	100/60
1.000	2.000	200MHz	20	0.40	1.25	-30~+70	100/60
1.400	2.400	70MHz	25	0.30	1.20	-30~+70	100/60
1.800	3.500	200MHz	25	0.30	1.20	-30~+70	100/60
1.800	3.500	400MHz	20	0.40	1.25	-30~+70	100/60
3.500	6.500	300MHz	25	0.30	1.20	-40~+75	20/10
3.500	6.500	600MHz	23	0.40	1.20	-40~+75	20/10
5.000	8.000	300MHz	25	0.30	1.20	-40~+75	15/10
5.000	8.000	600MHz	23	0.40	1.20	-40~+75	15/10
7.000	18.000	500MHz	25	0.30	1.20	-40~+75	15/10
7.000	18.000	1000MHz	23	0.40	1.20	-40~+75	15/10

SELECT-A-FREQUENCY DUAL JUNCTION COAXIAL ISOLATOR (HIGH ISOLATION)							
FREQUENCY (GHz)		BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING
F1~F2		MHz	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (w)
0.300	0.500	30MHz	50	0.50	1.20	-15~+60	200/150
0.800	1.200	25MHz	50	0.40	1.20	-30~+70	100/60
1.600	2.700	70MHz	48	0.40	1.20	-30~+70	100/60
2.700	5.000	50MHz	50	0.40	1.20	-30~+70	15/10
5.000	7.000	300MHz	50	0.60	1.20	-40~+75	15/10
7.000	18.000	1000MHz	50	0.50	1.20	-40~+75	15/10



IC01-COAXIAL ISOLATOR



IC02-COAXIAL ISOLATOR

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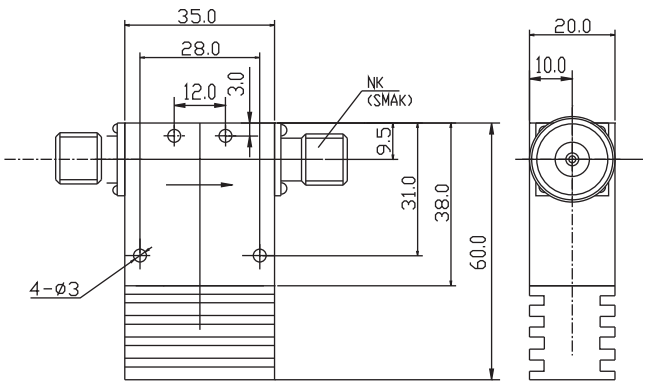
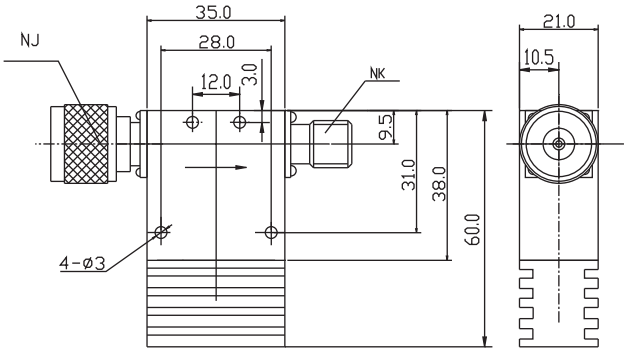


IC03-COAXIAL ISOLATOR



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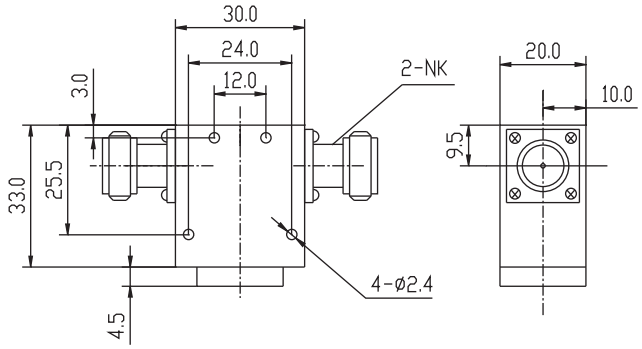

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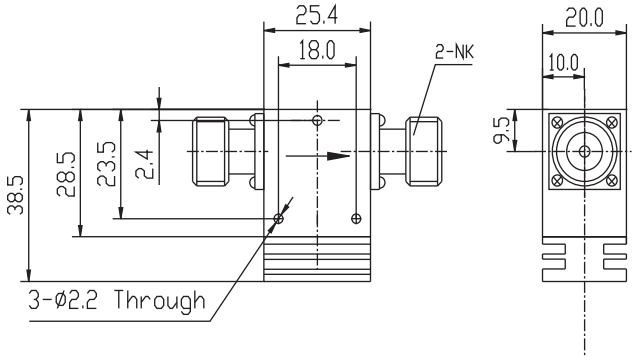

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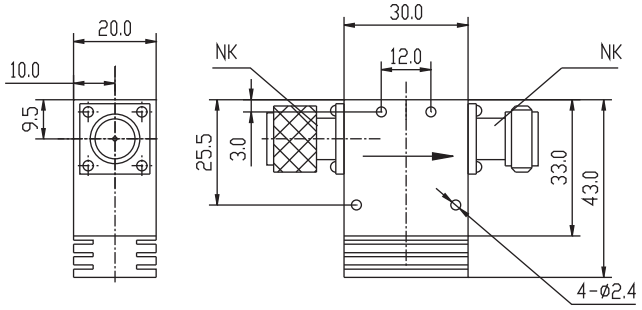

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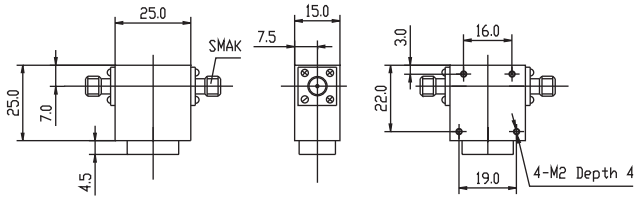

IC08-COAXIAL ISOLATOR

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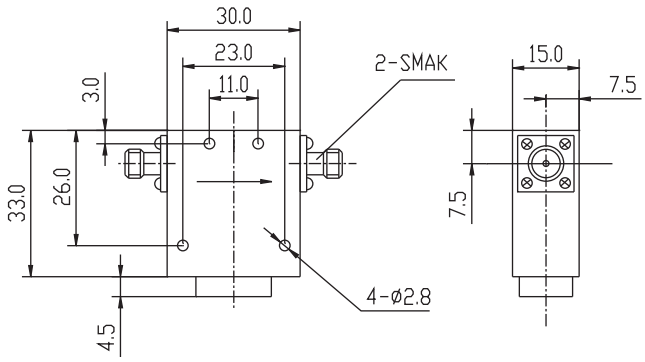

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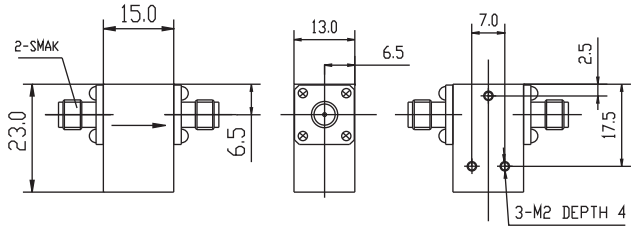

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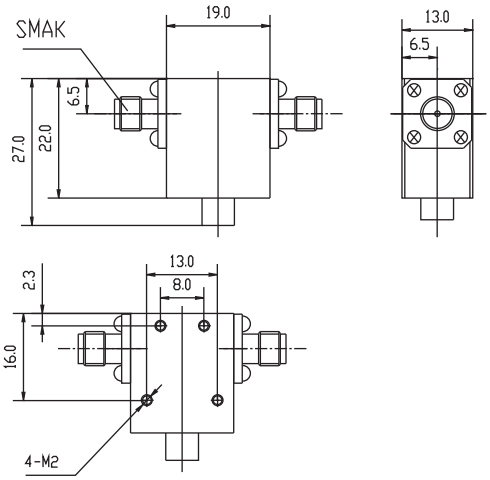
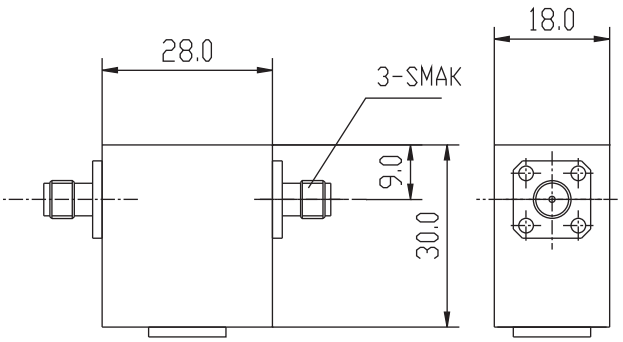


IC11-COAXIAL ISOLATOR



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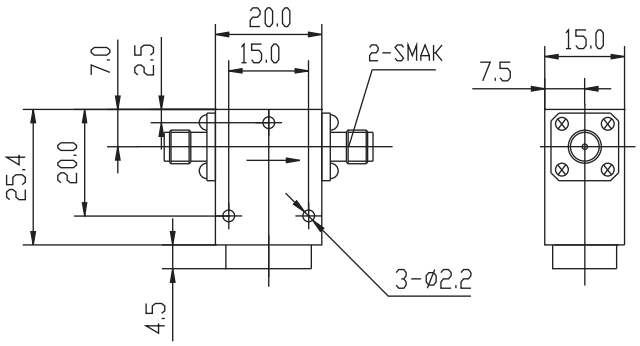
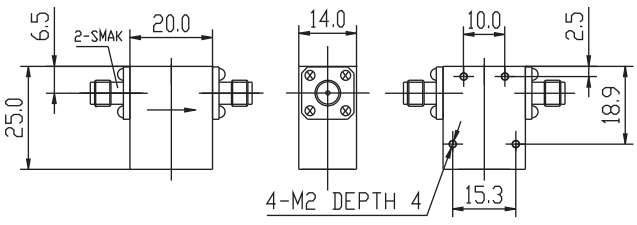


IC13-COAXIAL ISOLATOR



IC14-COAXIAL ISOLATOR

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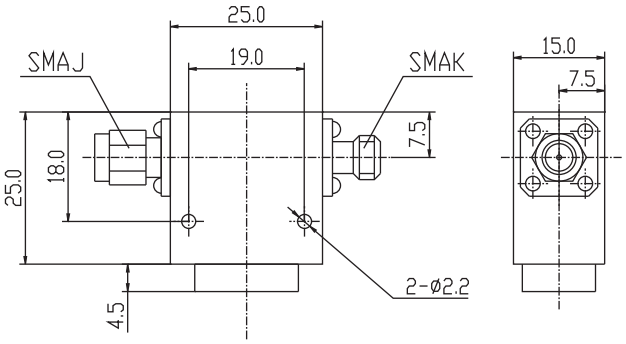
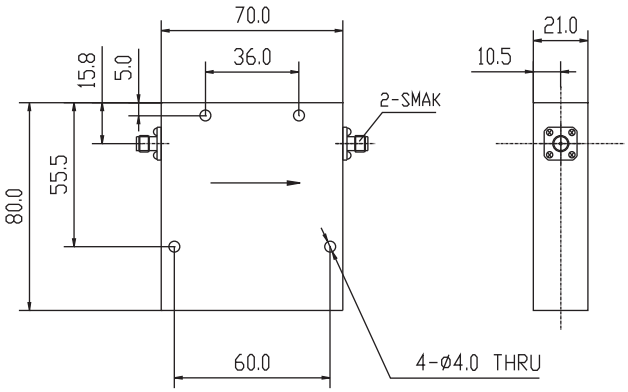
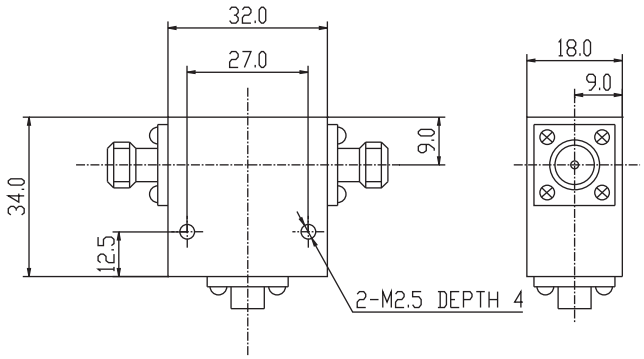


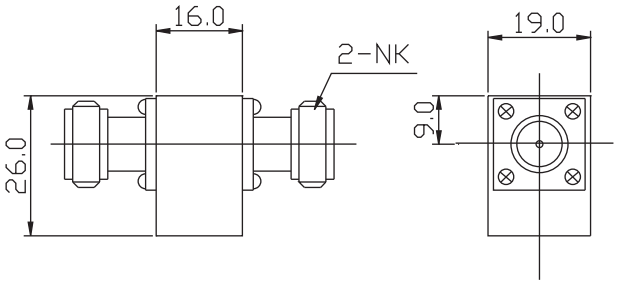
IC15-COAXIAL ISOLATOR



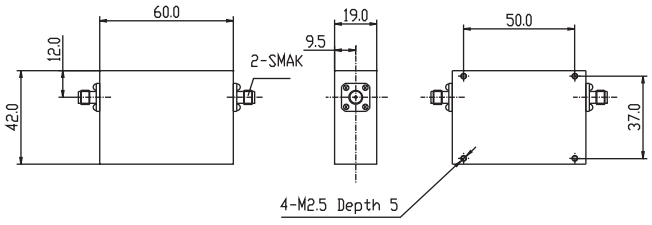
IC16-COAXIAL ISOLATOR



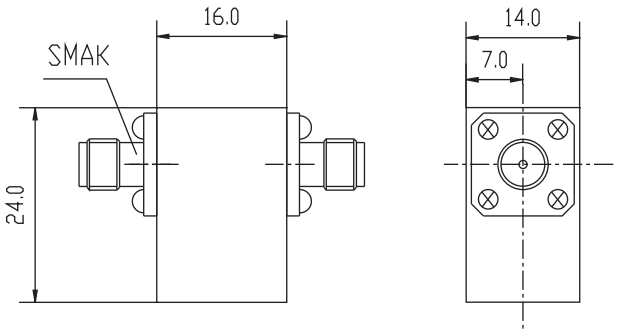
IC17-COAXIAL ISOLATOR



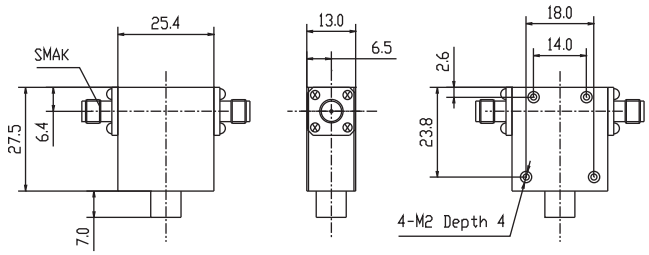
IC18-COAXIAL ISOLATOR



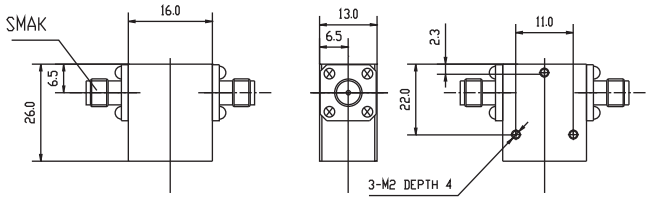
IC19-COAXIAL ISOLATOR



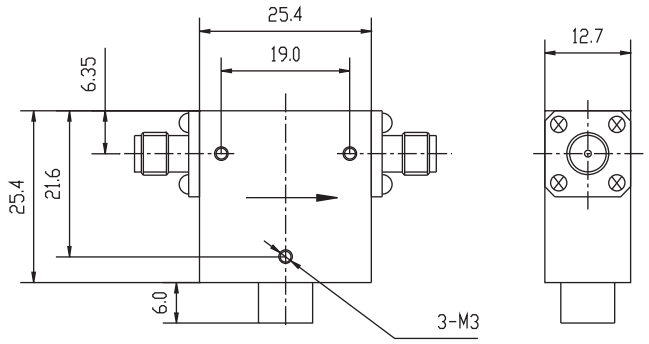
IC20-COAXIAL ISOLATOR



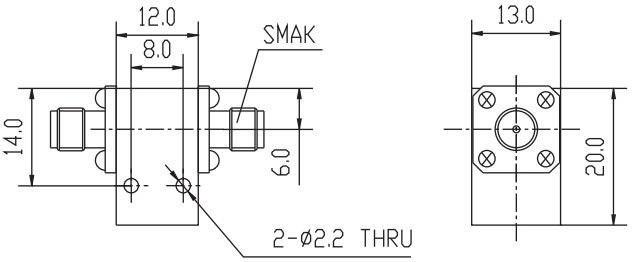
IC21-COAXIAL ISOLATOR



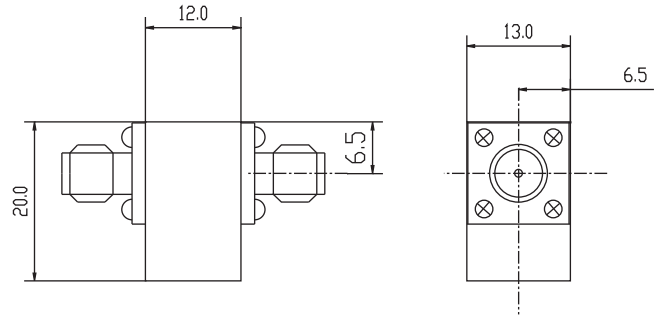
IC22-COAXIAL ISOLATOR



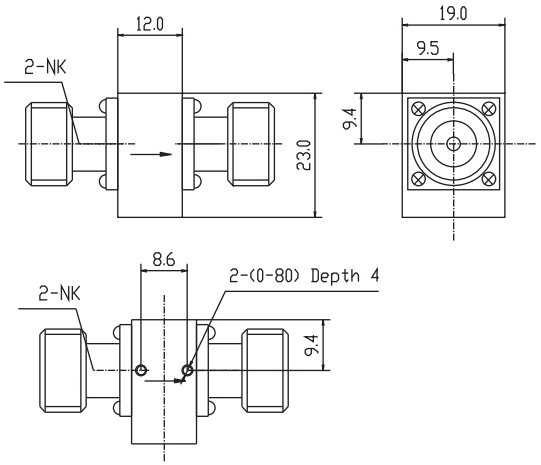
IC23-COAXIAL ISOLATOR



IC24-COAXIAL ISOLATOR



IC25-COAXIAL ISOLATOR



IC26-COAXIAL ISOLATOR

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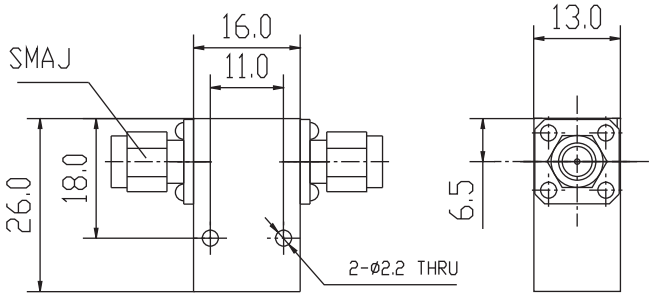
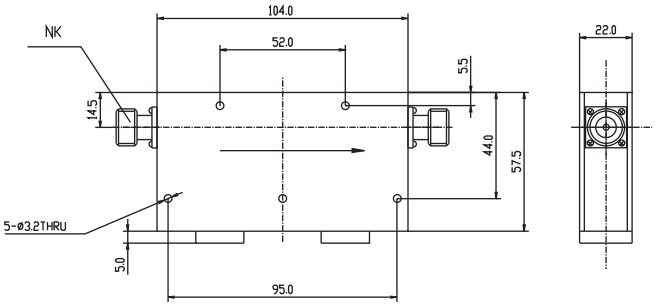
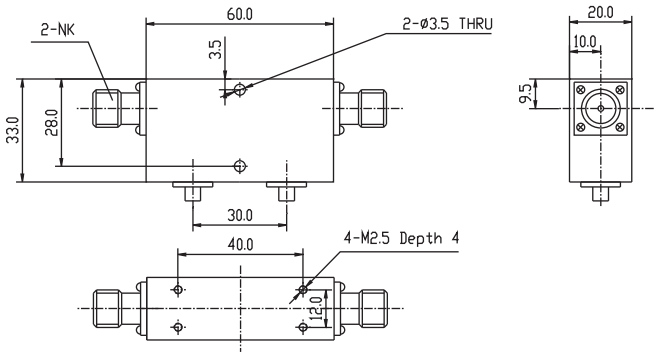


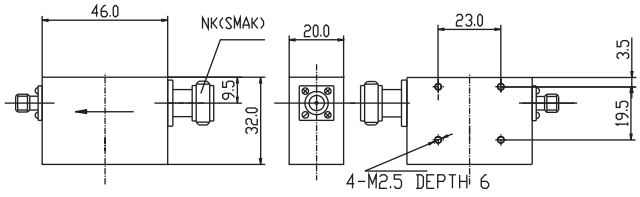
IC27-COAXIAL ISOLATOR



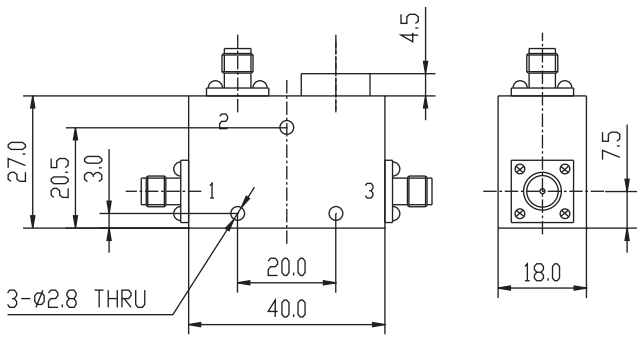
IC28-COAXIAL ISOLATOR



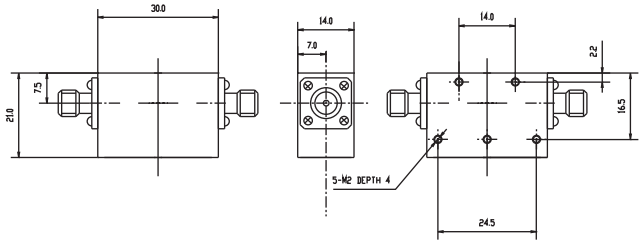
IC29-COAXIAL ISOLATOR



IC30-COAXIAL ISOLATOR



IC31-COAXIAL ISOLATOR



IC32-COAXIAL ISOLATOR

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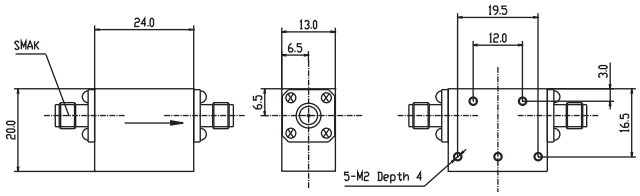
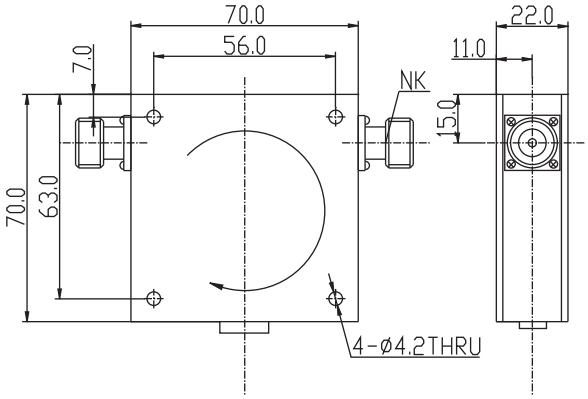
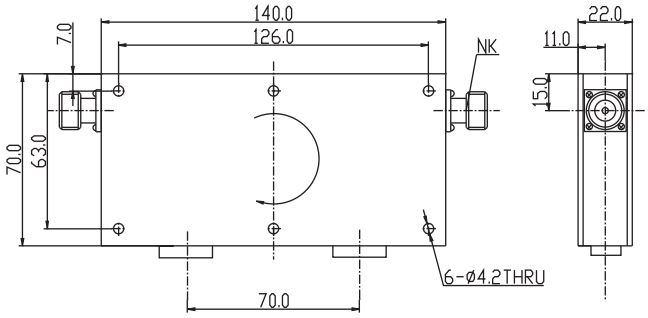


IC33-COAXIAL ISOLATOR



IC34-COAXIAL ISOLATOR



IC35-COAXIAL ISOLATOR

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DROP-IN CIRCULATOR

- Broad Selection of Frequency and Bandwidth (0.3Ghz-18Ghz, from 3% to Full Bandwidth)
- Wide Variety of Package
- Military, Space and Commercial Applications
- High Power Handling
- High Typical Isolation Above 25dB
- Low Insertion Loss Below 0.3dB
- Wide Operation Temperature Range
- Custom Design Available Upon Request (see select-a-frequency section)

DROP-IN CIRCULATOR BY APPLICATION

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	IMD (-dBc)MAX	SIZE L*W*H	PACKAGE	ATTENUATION
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)	@ 2X47dBm	(mm)	CODE	OPTION(dB/100W)
VHF APPLICATION											
0.132	0.144	JCD0132T0144G15	18	0.60	1.30	0~60	150	NO DATA	70*70*15	CD20	20dB/30dB AVAILABLE
0.144	0.148	JCD0144T0148G15	18	0.60	1.30	0~60	150	NO DATA	70*70*15	CD20	20dB/30dB AVAILABLE
0.148	0.156	JCD0148T0156G15	18	0.60	1.30	0~60	150	NO DATA	70*70*15	CD20	20dB/30dB AVAILABLE
0.156	0.174	JCD0156T0174G15	18	0.60	1.30	0~60	150	NO DATA	70*70*15	CD20	20dB/30dB AVAILABLE
UHF / TETRA APPLICATION											
0.300	0.420	JCD0300T0420G15	18	0.50	1.30	-30~+60	150	NO DATA	52*58*16	CD01	20dB/30dB AVAILABLE
0.380	0.400	JCD0380T0400G15	25	0.25	1.15	-30~+60	150	NO DATA	52*58*16	CD01	20dB/30dB AVAILABLE
0.380	0.460	JCD0380T0460G15	20	0.40	1.25	-30~+60	150	NO DATA	52*58*16	CD01	20dB/30dB AVAILABLE
0.410	0.430	JCD0410T0430G15	20	0.40	1.25	-30~+60	150	NO DATA	44*50*16	CD02	20dB/30dB AVAILABLE
0.420	0.450	JCD0420T0450G15	25	0.25	1.15	-30~+60	150	NO DATA	44*50*16	CD02	20dB/30dB AVAILABLE
0.450	0.470	JCD0450T0470G15	25	0.25	1.15	-30~+60	150	NO DATA	44*50*16	CD02	20dB/30dB AVAILABLE
0.470	0.512	JCD0470T0512G15	25	0.25	1.15	-30~+60	150	NO DATA	44*50*16	CD02	20dB/30dB AVAILABLE
0.512	0.698	JCD0512T0698G15	20	0.40	1.25	-30~+60	150	NO DATA	44*50*16	CD02	20dB/30dB AVAILABLE
0.698	0.806	JCD0698T0806G15	20	0.40	1.25	-30~+60	150	NO DATA	44*50*16	CD02	20dB/30dB AVAILABLE
DIGITAL TV APPLICATION											
0.470	0.600	JCD0470T0600G15	20	0.40	1.25	-30~+60	150	NO DATA	44*50*16	CD02	20dB/30dB AVAILABLE
RFID APPLICATION											
0.860	0.872	JCD0860T0872M15	23	0.22	1.15	-30~+75	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.860	0.960	JCD0860T0960M15	21	0.30	1.20	-30~+75	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.902	0.928	JCD0902T0928M15	23	0.22	1.15	-30~+75	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.950	0.956	JCD0950T0956M15	23	0.22	1.15	-30~+75	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
CELLULAR GSM APPLICATION											
0.800	0.960	JCD0800T0960M15	20	0.40	1.25	-20~+85	150	-70	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.824	0.849	JCD0824T0849M15	23	0.22	1.15	-20~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.824	0.849	JCD0824T0849M10-II	20	0.35	1.20	-20~+85	100	-65	19*19*10	CD22	20dB/30dB AVAILABLE
0.869	0.894	JCD0869T0894M15	23	0.22	1.15	-20~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.869	0.894	JCD0869T0894M10-II	20	0.35	1.20	-20~+85	100	-65	19*19*10	CD22	20dB/30dB AVAILABLE
0.869	0.960	JCD0869T0960M15	22	0.25	1.20	-20~+85	150	-70	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.876	0.880	JCD0876T0880M15	22	0.22	1.15	-20~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.876	0.880	JCD0876T0880M10-II	20	0.35	1.20	-20~+85	100	-65	19*19*10	CD22	20dB/30dB AVAILABLE
0.880	0.915	JCD0880T0915M15	22	0.22	1.15	-20~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.880	0.915	JCD0880T0915M10-II	20	0.35	1.20	-20~+85	100	-65	19*19*10	CD22	20dB/30dB AVAILABLE
0.921	0.925	JCD0921T0925M15	22	0.22	1.15	-20~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.921	0.925	JCD0921T0925M10-II	20	0.35	1.20	-20~+85	100	-65	19*19*10	CD22	20dB/30dB AVAILABLE
0.923	0.962	JCD0923T0962M15	22	0.22	1.15	-20~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.923	0.962	JCD0923T0962M10-II	20	0.35	1.20	-20~+85	100	-65	19*19*10	CD22	20dB/30dB AVAILABLE
0.925	0.960	JCD0925T0960M15	22	0.22	1.15	-20~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.925	0.960	JCD0925T0960M10-II	20	0.35	1.20	-20~+85	100	-65	19*19*10	CD22	20dB/30dB AVAILABLE
0.935	0.960	JCD0935T0960M15	22	0.22	1.15	-20~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
0.935	0.960	JCD0935T0960M10-II	20	0.35	1.20	-20~+85	100	-65	19*19*10	CD22	20dB/30dB AVAILABLE
CELLULAR DCS/PCS APPLICATION											
1.710	1.785	JCD1710T1785M10	22	0.25	1.15	-35~+85	100	-70	19*19*10	CD22	20dB/30dB AVAILABLE
1.710	1.785	JCD1710T1785M15-II	22	0.22	1.15	-35~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
1.803	1.882	JCD1803T1882M10	22	0.25	1.15	-35~+85	100	-70	19*19*10	CD22	20dB/30dB AVAILABLE
1.803	1.882	JCD1803T1882M15-II	22	0.22	1.15	-35~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
1.805	1.880	JCD1805T1880M10	22	0.25	1.15	-35~+85	100	-70	19*19*10	CD22	20dB/30dB AVAILABLE
1.805	1.880	JCD1805T1880M15-II	22	0.22	1.15	-35~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
1.805	1.990	JCD1805T1990M10	21	0.35	1.25	-35~+85	100	-70	19*19*10	CD22	20dB/30dB AVAILABLE
1.805	1.990	JCD1805T1990M15-II	21	0.30	1.25	-35~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
1.850	1.910	JCD1850T1910M10	21	0.25	1.25	-35~+85	100	-70	19*19*10	CD22	20dB/30dB AVAILABLE
1.850	1.910	JCD1850T1910M15-II	22	0.25	1.25	-35~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
1.930	1.990	JCD1930T1990M10	22	0.22	1.15	-35~+85	100	-75	19*19*10	CD22	20dB/30dB AVAILABLE
1.930	1.990	JCD1930T1990M15-II	22	0.22	1.15	-35~+85	150	-75	25.4*25.4*10	CD21	20dB/30dB AVAILABLE
1.930	1.990	JCD1930T1990M6-II	20	0.35	1.25	-35~+85	60	-60	12.7*12.7*8	CD23	20dB/30dB AVAILABLE

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DROP-IN CIRCULATOR BY APPLICATION											
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	IMD (-dBc)MAX	SIZE L*W*H	PACKAGE	ATTENUATION
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)	@ 2X47dBm	(mm)	CODE	OPTION(dB/100W)
CELLULAR UMTS/CDMA APPLICATION											
2.080	2.200	JCD2080T2200M10	22	0.22	1.15	-35~+85	100	-75	19*19*10	CD22	20 / 30 AVALIBLE
2.080	2.200	JCD2080T2200M10-II	22	0.22	1.15	-35~+85	100	-75	25.4*25.4*10	CD21	20 / 30 AVALIBLE
2.110	2.170	JCD2110T2170M10	22	0.22	1.15	-35~+85	100	-75	19*19*10	CD22	20 / 30 AVALIBLE
2.110	2.170	JCD2110T2170M10-II	22	0.22	1.15	-35~+85	100	-75	25.4*25.4*10	CD21	20 / 30 AVALIBLE
2.110	2.170	JCD2110T2170M6-III	22	0.22	1.15	-35~+85	60	-60	12.7*12.7*8	CD23	20 / 30 AVALIBLE
WIMAX APPLICATION											
2.300	2.500	JCD2300T2500M10	21	0.25	1.25	-35~+85	100	-75	19*19*10	CD22	20 / 30 AVALIBLE
2.300	2.500	JCD2300T2500M10-II	22	0.25	1.25	-35~+85	100	-75	25.4*25.4*10	CD21	20 / 30 AVALIBLE
2.496	2.690	JCD2496T2690M10	21	0.25	1.25	-35~+85	100	-75	19*19*10	CD22	20 / 30 AVALIBLE
2.496	2.690	JCD2496T2690M10-II	22	0.25	1.25	-35~+85	100	-75	25.4*25.4*10	CD21	20 / 30 AVALIBLE
2.500	2.700	JCD2500T2700M10	21	0.25	1.25	-35~+85	100	-75	19*19*10	CD22	20 / 30 AVALIBLE
2.500	2.700	JCD2500T2700M10-II	22	0.25	1.25	-35~+85	100	-75	25.4*25.4*10	CD21	20 / 30 AVALIBLE
3.100	3.500	JCD3100T3500M0-II	20	0.40	1.20	-35~+85	5	NO DATA	12.7*12.7*8	CD23	N/A
3.300	3.500	JCD3300T3500G6	23	0.30	1.20	-35~+85	60	NO DATA	19*19*7.7	CD16	N/A
3.300	3.500	JCD3300T3500M0-II	20	0.40	1.20	-35~+85	5	NO DATA	12.7*12.7*8	CD23	N/A
3.300	3.800	JCD3300T3800G6	21	0.40	1.25	-35~+85	60	NO DATA	19*19*7.7	CD16	N/A
3.300	3.800	JCD3300T3800M0-II	20	0.40	1.25	-35~+85	5	NO DATA	12.7*12.7*8	CD23	N/A
3.400	3.600	JCD3400T3600G6	23	0.30	1.20	-35~+85	60	NO DATA	19*19*7.7	CD16	N/A
3.400	3.600	JCD3400T3600M0-II	20	0.40	1.20	-35~+85	5	NO DATA	12.7*12.7*8	CD23	N/A

DROP-IN CIRCULATOR									
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)	(mm)	CODE
0.132	0.144	JCD0132T0144G15	18	0.60	1.30	0~60	150	70*70*15	CD20
0.144	0.148	JCD0144T0148G15	18	0.60	1.30	0~60	150	70*70*15	CD20
0.148	0.156	JCD0148T0156G15	18	0.60	1.30	0~60	150	70*70*15	CD20
0.156	0.174	JCD0156T0174G15	18	0.60	1.30	0~60	150	70*70*15	CD20
0.300	0.400	JCD0300T0400G6	15	0.70	1.25	-40~+85	60	44*50*16	CD02
0.300	0.420	JCD0300T0420G15	18	0.50	1.30	-30~+60	150	52*58*16	CD01
0.380	0.400	JCD0380T0400G15	25	0.25	1.15	-30~+60	150	52*58*16	CD01
0.380	0.450	JCD0380T0450G15	18	0.50	1.25	-10~+60	150	52*58*16	CD01
0.380	0.460	JCD0380T0460G15	20	0.40	1.25	-30~+60	150	52*58*16	CD01
0.400	0.500	JCD0400T0500G6	18	0.60	1.25	-40~+85	60	44*50*16	CD02
0.410	0.430	JCD0410T0430G15	20	0.40	1.25	-30~+60	150	44*50*16	CD02
0.420	0.450	JCD0420T0450G15	25	0.25	1.15	-30~+60	150	44*50*16	CD02
0.450	0.470	JCD0450T0470G15	25	0.25	1.15	-30~+60	150	44*50*16	CD02
0.470	0.512	JCD0470T0512G15	25	0.25	1.15	-30~+60	150	44*50*16	CD02
0.512	0.698	JCD0512T0698G15	20	0.40	1.25	-30~+60	150	44*50*16	CD02
0.698	0.806	JCD0698T0806G15	20	0.40	1.25	-30~+60	150	44*50*16	CD02
0.470	0.600	JCD0470T0600G15	20	0.40	1.25	-30~+60	150	44*50*16	CD02
0.858	0.878	JCD0858T0878S10	20	0.40	1.20	-30~+70	100	25.4*25.4*6.8	CD08
0.860	0.872	JCD0860T0872M15	23	0.22	1.15	-30~+75	150	25.4*25.4*10	CD21
0.860	0.960	JCD0860T0960M15	21	0.30	1.20	-30~+75	150	25.4*25.4*10	CD21
0.902	0.928	JCD0902T0928M15	23	0.22	1.15	-30~+75	150	25.4*25.4*10	CD21
0.950	0.956	JCD0950T0956M15	23	0.22	1.15	-30~+75	150	25.4*25.4*10	CD21
0.800	0.960	JCD0800T0960M15	20	0.40	1.25	-20~+85	150	25.4*25.4*10	CD21
0.824	0.849	JCD0824T0849M15	23	0.22	1.15	-20~+85	150	25.4*25.4*10	CD21
0.824	0.849	JCD0824T0849M10-II	20	0.35	1.20	-20~+85	100	19*19*10	CD22
0.850	0.875	JCD08502T0875S10	20	0.40	1.20	-30~+70	100	25.4*25.4*6.8	CD08
0.869	0.894	JCD0869T0894G3	23	0.35	1.20	-30~+70	30	20*20*8.6	CD03
0.869	0.894	JCD0869T0894G10	23	0.30	1.20	-30~+70	100	25.4*25.4*6.8	CD08
0.869	0.894	JCD0869T0894G6	25	0.30	1.20	-30~+70	60	25.4*25.4*12	CD09
0.869	0.894	JCD0869T0894M15	23	0.22	1.15	-20~+85	150	25.4*25.4*10	CD21
0.869	0.894	JCD0869T0894M10-II	20	0.35	1.20	-20~+85	100	19*19*10	CD22
0.869	0.960	JCD0869T0960M15	22	0.25	1.20	-20~+85	150	25.4*25.4*10	CD21
0.876	0.880	JCD0876T0880M15	22	0.22	1.15	-20~+85	150	25.4*25.4*10	CD21
0.876	0.880	JCD0876T0880M10-II	20	0.35	1.20	-20~+85	100	19*19*10	CD22
0.880	0.915	JCD0880T0915M15	22	0.22	1.15	-20~+85	150	25.4*25.4*10	CD21
0.880	0.915	JCD0880T0915M10-II	20	0.35	1.20	-20~+85	100	19*19*10	CD22
0.890	0.960	JCD0890T0960S10	20	0.40	1.20	-20~+55	100	25.4*25.4*6.8	CD08
0.902	0.928	JCD0902T0928S10	23	0.30	1.20	-30~+70	100	25.4*25.4*6.8	CD08
0.921	0.925	JCD0921T0925M15	22	0.22	1.15	-20~+85	150	25.4*25.4*10	CD21
0.921	0.925	JCD0921T0925M10-II	20	0.35	1.20	-20~+85	100	19*19*10	CD22
0.923	0.962	JCD0923T0962M15	22	0.22	1.15	-20~+85	150	25.4*25.4*10	CD21
0.923	0.962	JCD0923T0962M10-II	20	0.35	1.20	-20~+85	100	19*19*10	CD22

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DROP-IN CIRCULATOR									
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)	(mm)	CODE
0.925	0.960	JCD0925T0960G3	23	0.35	1.20	-30~+70	30	20*20*8.6	CD03
0.925	0.960	JCD0925T0960G10	23	0.30	1.20	-30~+70	100	25.4*25.4*6.8	CD08
0.925	0.960	JCD0925T0960G6	25	0.30	1.20	-30~+70	60	25.4*25.4*12	CD09
0.925	0.960	JCD0925T0960M15	22	0.22	1.15	-20~+85	150	25.4*25.4*10	CD21
0.925	0.960	JCD0925T0960M10-II	20	0.35	1.20	-20~+85	100	19*19*10	CD22
0.935	0.960	JCD0935T0960M15	22	0.22	1.15	-20~+85	150	25.4*25.4*10	CD21
0.935	0.960	JCD0935T0960M10-II	20	0.35	1.20	-20~+85	100	19*19*10	CD22
0.962	1.213	JCD0962T1213G10	20	0.50	1.25	-30~+70	100	30*33*12	CD06
0.980	1.080	JCD0980T1080G6	20	0.40	1.25	-30~+70	60	25.4*28.5*12	CD07
0.980	1.080	JCD0980T1080G6-B	20	0.40	1.20	-30~+70	60	25.4*25.4*12	CD09
1.030	1.090	JCD1030T1090G10	23	0.30	1.20	-30~+70	100	30*33*12	CD06
1.030	1.090	JCD1030T1090G6	20	0.40	1.20	-30~+70	60	25.4*25.4*12	CD09
1.080	1.195	JCD1080T1195G6	20	0.40	1.20	-30~+70	60	25.4*25.4*12	CD09
1.200	1.400	JCD1200T1400G6	20	0.40	1.20	-30~+70	60	25.4*25.4*12	CD09
1.300	1.400	JCD1300T1400G6	20	0.40	1.20	-40~+85	60	25.4*25.4*12	CD09
1.435	1.535	JCD1435T1535G6	20	0.40	1.20	-30~+70	60	25.4*25.4*12	CD10
1.525	1.559	JCD1525T1559G6	23	0.30	1.20	-30~+70	60	20*25.4*12	CD11
1.710	1.785	JCD1710T1785M10	22	0.25	1.15	-35~+85	100	19*19*10	CD22
1.710	1.785	JCD1710T1785M15-II	22	0.22	1.15	-35~+85	150	25.4*25.4*10	CD21
1.803	1.882	JCD1803T1882M10	22	0.25	1.15	-35~+85	100	19*19*10	CD22
1.803	1.882	JCD1803T1882M15-II	22	0.22	1.15	-35~+85	150	25.4*25.4*10	CD21
1.805	1.880	JCD1805T1880M10	22	0.25	1.15	-35~+85	100	19*19*10	CD22
1.805	1.880	JCD1805T1880M15-II	22	0.22	1.15	-35~+85	150	25.4*25.4*10	CD21
1.805	1.880	JCD1805T1880G6	25	0.30	1.20	-30~+70	60	19*19*8.2	CD12
1.805	1.880	JCD1805T1880S6	23	0.30	1.20	-30~+70	60	19*19*5.6	CD13
1.805	1.990	JCD1805T1990M10	21	0.35	1.25	-35~+85	100	19*19*10	CD22
1.805	1.990	JCD1805T1990M15-II	21	0.30	1.25	-35~+85	150	25.4*25.4*10	CD21
1.850	1.910	JCD1850T1910M10	21	0.25	1.25	-35~+85	100	19*19*10	CD22
1.850	1.910	JCD1850T1910M15-II	22	0.25	1.25	-35~+85	150	25.4*25.4*10	CD21
1.900	2.030	JCD1900T2030G6	25	0.30	1.20	-30~+70	60	19*19*8.2	CD12
1.900	2.030	JCD1900T2030S6	23	0.30	1.20	-30~+70	60	19*19*5.6	CD13
1.930	1.990	JCD1930T1990M10	22	0.22	1.15	-35~+85	100	19*19*10	CD22
1.930	1.990	JCD1930T1990M15-II	22	0.22	1.15	-35~+85	150	25.4*25.4*10	CD21
1.930	1.990	JCD1930T1990M6-III	20	0.35	1.25	-35~+85	60	12.7*12.7*8	CD23
1.930	1.990	JCD1930T1990G6	25	0.30	1.20	-30~+70	60	19*19*8.2	CD12
1.930	1.990	JCD1930T1990S6	23	0.30	1.20	-30~+70	60	19*19*5.6	CD13
1.960	2.170	JCD1960T2170G6	20	0.40	1.20	-30~+70	60	25.4*25.4*12	CD10
2.070	2.140	JCD2070T2140G6	25	0.30	1.20	-30~+70	60	19*19*8.2	CD12
2.070	2.140	JCD2070T2140S6	23	0.30	1.20	-30~+70	60	19*19*5.6	CD13
2.080	2.200	JCD2080T2200M10	22	0.22	1.15	-35~+85	100	19*1*19*10	CD22
2.080	2.200	JCD2080T2200M10-II	22	0.22	1.15	-35~+85	100	25.4*25.4*10	CD21
2.080	2.200	JCD2080T2200M6-III	20	0.30	1.25	-35~+85	60	12.7*12.7*8	CD23
2.095	2.185	JCD2095T2185G6	25	0.30	1.20	-30~+70	60	19*19*8.2	CD12
2.095	2.185	JCD2095T2185S6	23	0.30	1.20	-30~+70	60	19*19*5.6	CD13
2.100	2.300	JCD2100T2300G6	20	0.40	1.20	-30~+70	60	25.4*25.4*12	CD10
2.100	2.300	JCD2100T2300G2	23	0.30	1.20	-30~+70	20	20*25*11.5	CD15
2.110	2.170	JCD2110T2170M10	22	0.22	1.15	-35~+85	100	19*19*10	CD22
2.110	2.170	JCD2110T2170M10-II	22	0.22	1.15	-35~+85	100	25.4*25.4*10	CD21
2.110	2.170	JCD2110T2170M6-III	22	0.22	1.15	-35~+85	60	12.7*12.7*8	CD23
2.200	2.300	JCD2200T2300G6	20	0.40	1.25	-30~+70	60	19*19*8.2	CD12
2.200	2.300	JCD2200T2300S6	20	0.40	1.25	-30~+70	60	19*19*5.6	CD13
2.300	2.500	JCD2300T2500M10	21	0.25	1.25	-35~+85	100	19*19*10	CD22
2.300	2.500	JCD2300T2500M10-II	22	0.25	1.25	-35~+85	100	25.4*25.4*10	CD21
2.400	2.500	JCD2400T2500S6	23	0.35	1.20	-30~+70	60	19*19*5.6	CD13
2.496	2.690	JCD2496T2690M10	21	0.25	1.25	-35~+85	100	19*19*10	CD22
2.496	2.690	JCD2496T2690M10-II	22	0.25	1.25	-35~+85	100	25.4*25.4*10	CD21
2.500	2.700	JCD2500T2700M10	21	0.25	1.25	-35~+85	100	19*19*10	CD22
2.500	2.700	JCD2500T2700M10-II	22	0.25	1.25	-35~+85	100	25.4*25.4*10	CD21
2.500	2.700	JCD2500T2700G2	23	0.30	1.20	-30~+70	20	20*25*11.5	CD15
2.500	2.800	JCD2500T2800S1	20	0.50	1.25	-40~+80	10	19*19*5.6	CD13
2.700	2.900	JCD2700T2900G2	23	0.30	1.20	-30~+70	20	20*25*11.5	CD15
2.800	3.300	JCD2800T3300G2	18	0.60	1.25	-30~+70	20	25*26*11.5	CD14
2.850	3.550	JCD2850T3550G2	22	0.40	1.20	-15~+50	20	25*26*11.5	CD14
2.900	3.100	JCD2900T3100G2	20	0.40	1.25	-30~+70	20	25*26*11.5	CD14

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DROP-IN CIRCULATOR									
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(℃)	AVG (W)	(mm)	CODE
3.000	3.400	JCD3000T3400G2	20	0.40	1.25	-30~+70	20	25*26*11.5	CD14
3.100	3.500	JCD3100T3500M0-II	20	0.40	1.20	-35~+85	5	12.7*12.7*8	CD23
3.300	3.500	JCD3300T3500G6	23	0.30	1.20	-35~+85	60	19*19*7.7	CD16
3.300	3.500	JCD3300T3500M0-II	20	0.40	1.20	-35~+85	5	12.7*12.7*8	CD23
3.300	3.700	JCD3300T3700S2	22	0.45	1.22	-40~+85	25	19*19*7.7	CD16
3.300	3.800	JCD3300T3800G6	21	0.40	1.25	-35~+85	60	19*19*7.7	CD16
3.300	3.800	JCD3300T3800S2	20	0.30	1.20	-30~+70	20	19*19*7.7	CD16
3.300	3.800	JCD3300T3800G2	20	0.30	1.20	-40~+75	20	16*22*10.5	CD17
3.300	3.800	JCD3300T3800M0-II	20	0.40	1.25	-35~+85	5	12.7*12.7*8	CD23
3.400	3.600	JCD3400T3600G6	23	0.30	1.20	-35~+85	60	19*19*7.7	CD16
3.400	3.600	JCD3400T3600M0-II	20	0.40	1.20	-35~+85	5	12.7*12.7*8	CD23
3.400	3.700	JCD3400T3700G2	23	0.30	1.20	-30~+70	20	19*19*7.7	CD16
3.600	4.200	JCD3600T4200G2	20	0.40	1.20	-40~+75	20	16*22*10.5	CD17
3.700	4.200	JCD3700T4200G2	20	0.40	1.20	-40~+75	20	16*22*10.5	CD17
3.700	4.300	JCD3700T4300G2	20	0.40	1.20	-40~+75	20	16*22*10.5	CD17
4.200	4.400	JCD4200T4400G2-B	23	0.30	1.20	-30~+70	20	19*19*7.7	CD16
4.200	4.400	JCD4200T4400G2	23	0.30	1.20	-40~+75	20	16*22*10.5	CD17
4.350	4.550	JCD4350T4550G2	23	0.30	1.20	-40~+75	20	16*22*10.5	CD17
4.400	5.000	JCD4400T5000G2	20	0.40	1.20	-40~+75	20	16*22*10.5	CD17
4.400	5.000	JCD4400T5000G1	20	0.50	1.25	-40~+75	10	12.7*12.7*6	CD18
4.400	5.200	JCD4400T5200S2	20	0.50	1.25	-40~+85	25	19*19*7.7	CD16
4.500	4.700	JCD4500T4700G2	23	0.30	1.20	-40~+75	20	16*22*10.5	CD17
4.500	4.700	JCD4500T4700G1	23	0.40	1.20	-40~+75	10	12.7*12.7*6	CD18
4.750	5.250	JCD4750T5250G2	20	0.40	1.20	-40~+75	20	16*22*10.5	CD17
4.750	5.250	JCD4750T5250G1	20	0.50	1.25	-40~+75	10	12.7*12.7*6	CD18
5.150	5.650	JCD5150T5650G2	20	0.40	1.20	-40~+75	20	16*22*10.5	CD17
5.150	5.650	JCD5150T5650G1	20	0.50	1.25	-40~+75	10	12.7*12.7*6	CD18
5.400	5.900	JCC5400T5900G2	20	0.40	1.20	-40~+75	20	16*22*10.5	CD17
5.400	5.900	JCC5400T5900G1	20	0.50	1.25	-40~+75	10	12.7*12.7*6	CD18
5.845	6.425	JCD5845T6425G2	20	0.40	1.20	-40~+75	20	16*22*10.5	CD17
5.845	6.425	JCD5845T6425G1	20	0.50	1.25	-40~+75	10	12.7*12.7*6	CD18
5.900	6.400	JCD5900T6400G2	20	0.40	1.20	-40~+75	20	16*22*10.5	CD17
5.900	6.400	JCD5900T6400G1	20	0.50	1.25	-40~+75	10	12.7*12.7*6	CD18
6.600	7.300	JCD6600T7300G1	19	0.50	1.25	-40~+75	10	12.7*12.7*6	CD18
6.900	7.600	JCD6900T7600G1	19	0.50	1.25	-40~+75	10	12.7*12.7*6	CD18
7.000	7.500	JCD7000T7500G1	20	0.40	1.20	-40~+75	10	12.7*17*8	CD19
7.000	7.700	JCD7000T7700G1	20	0.40	1.20	-40~+75	10	12.7*17*8	CD19
7.100	7.700	JCD71007700G1	20	0.40	1.20	-40~+75	10	12.7*17*8	CD19
7.125	7.875	JCD7125T7875G1	20	0.40	1.20	-40~+75	10	12.7*17*8	CD19
7.500	8.400	JCD7500T8400G1	20	0.40	1.20	-40~+75	10	12.7*17*8	CD19
7.800	8.600	JCD7800T8600G1	20	0.40	1.20	-40~+75	10	12.7*17*8	CD19
8.000	8.500	JCD8000T8500G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
8.000	8.500	JCD8000T8500G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
8.600	9.600	JCD8600T9600G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
8.600	9.600	JCD8600T9600G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
9.000	10.500	JCD9000T10K5G1	18	0.50	1.25	-40~+75	10	8.9*12.5*7.8	CD04
9.200	9.900	JCD9200T9900G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
9.200	9.900	JCD9200T9900G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
9.500	10.500	JCD9500T10K5G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
9.500	10.500	JCD9500T10K5G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
10.400	11.300	JCD10K4T11K3G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
10.400	11.300	JCD10K4T11K3G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
10.700	11.950	JCD10K7T12K0G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
10.700	11.950	JCD10K7T12K0G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
11.500	12.950	JCD11K5T13K0G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
11.500	12.950	JCD11K5T13K0G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
12.100	12.800	JCD12K1T12K8G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
12.100	12.800	JCD12K1T12K8G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
12.700	13.500	JCD12K7T13K5G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
12.700	13.500	JCD12K7T13K5G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
12.750	14.500	JCD12K7T14K5G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
12.750	14.500	JCD12K7T14K5G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
13.400	15.000	JCD13K4T15K0G2	20	0.50	1.22	-45~+85	20	8.9*12.5*5.6	CD05
17.200	17.900	JCD17K2T17K9G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
17.200	17.900	JCD17K2T17K9G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05
17.300	18.100	JCD17K3T18K1G1	20	0.40	1.25	-40~+75	10	8.9*12.5*7.8	CD04
17.300	18.100	JCD17K3T18K1G1-B	20	0.50	1.25	-40~+75	10	8.9*12.5*5.6	CD05

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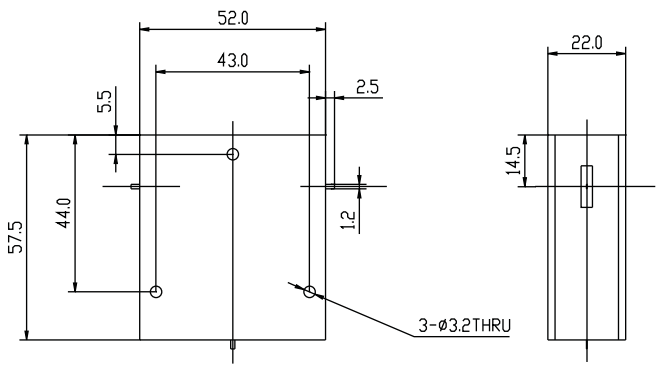
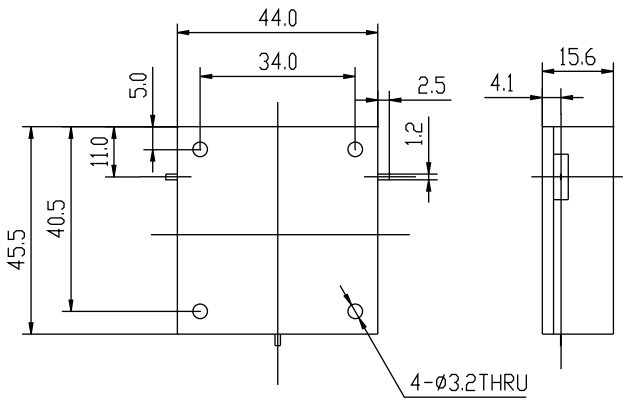
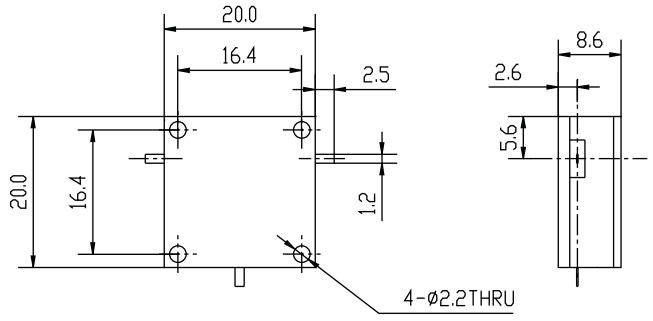
SELECT-A-FREQUENCY DROP-IN CIRCULATOR							
FREQUENCY (GHz)		BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING
F1	F2	UP TO	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	(W)
0.300	0.800	30MHz	23	0.30	1.20	-15~+60	150
0.800	1.000	70MHz	23	0.30	1.20	-15~+60	100
1.000	2.400	25MHz	25	0.30	1.20	-30~+70	60
1.000	2.400	70MHz	23	0.30	1.20	-30~+70	60
1.000	2.400	200MHz	20	0.40	1.20	-30~+70	60
2.000	3.500	200MHz	23	0.30	1.20	-30~+70	60
2.000	3.500	400MHz	20	0.40	1.20	-30~+70	60
3.000	8.000	300MHz	23	0.30	1.20	-40~+75	15
3.000	8.000	600MHz	20	0.40	1.20	-40~+75	15
7.000	18.000	300MHz	23	0.30	1.20	-40~+75	10
7.000	18.000	1000MHz	20	0.40	1.20	-40~+75	10



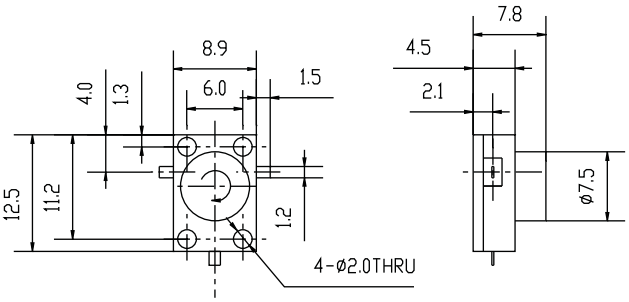
CD01-DROP-IN CIRCULATOR



CD02-DROP-IN CIRCULATOR



CD03-DROP-IN CIRCULATOR



CD04-DROP-IN CIRCULATOR

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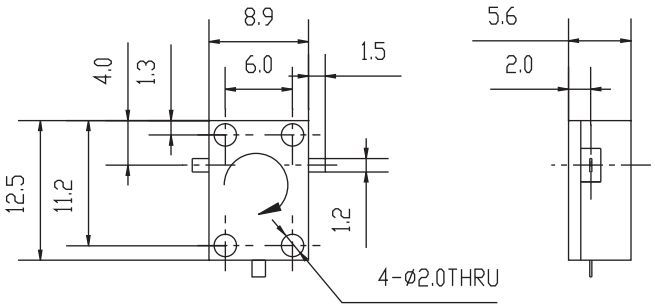
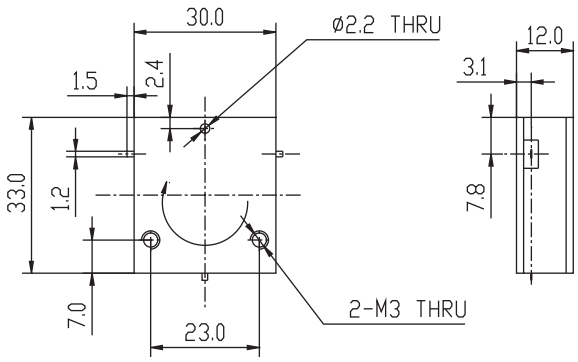
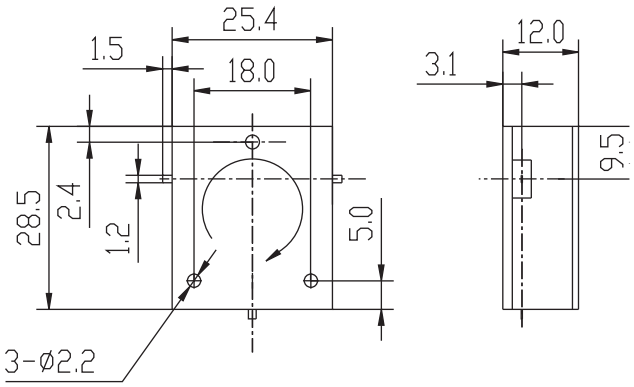


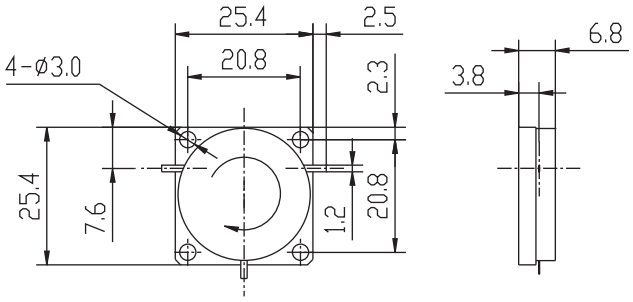
CD05-DROP-IN CIRCULATOR



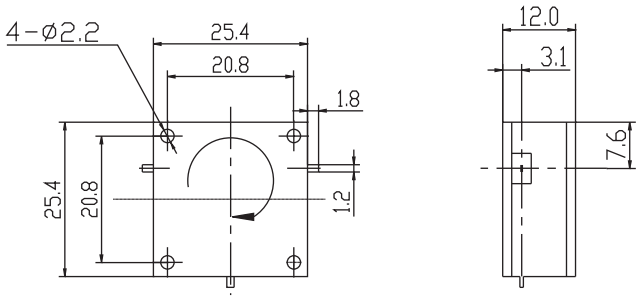
CD06-DROP-IN CIRCULATOR



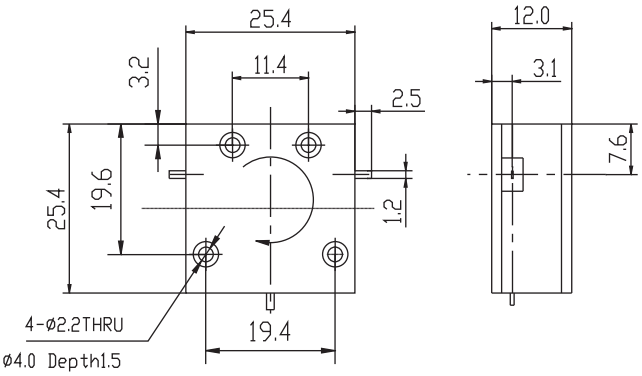
CD07-DROP-IN CIRCULATOR



CD08-DROP-IN CIRCULATOR



CD09-DROP-IN CIRCULATOR



CD10-DROP-IN CIRCULATOR

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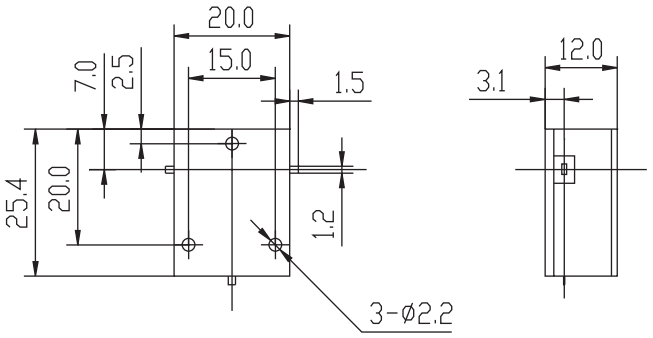
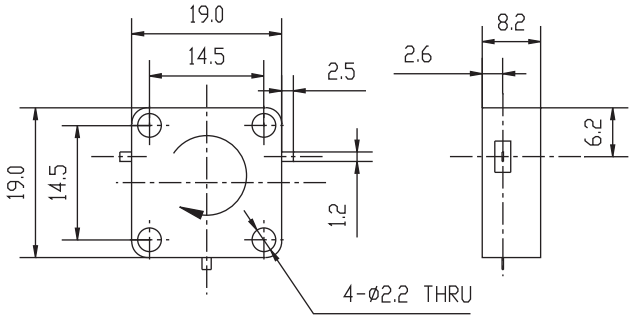
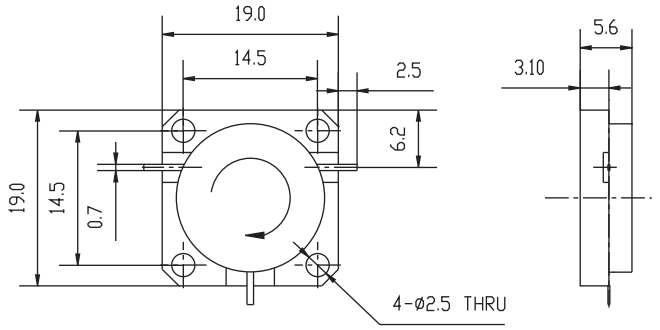


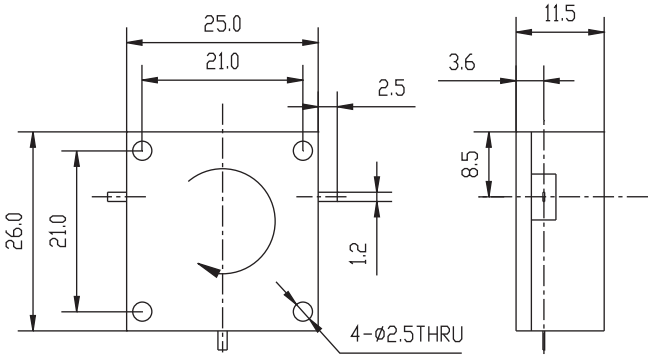
CD11-DROP-IN CIRCULATOR



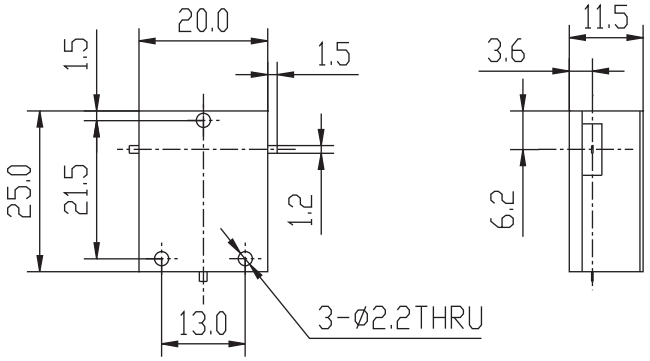
CD12-DROP-IN CIRCULATOR



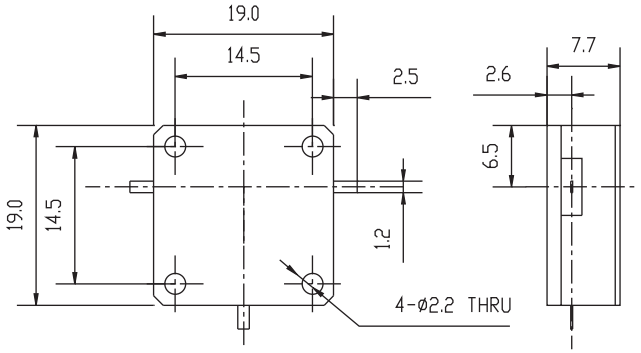
CD13-DROP-IN CIRCULATOR



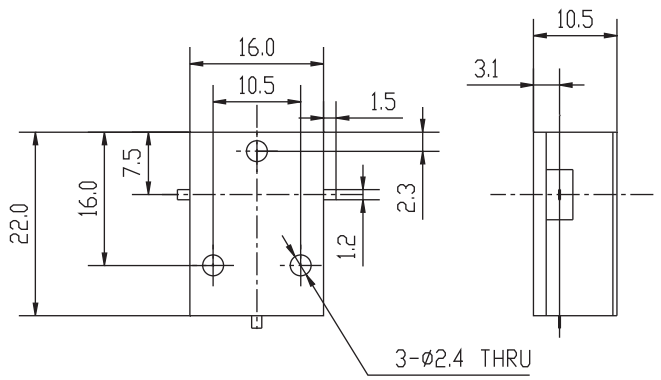
CD14-DROP-IN CIRCULATOR



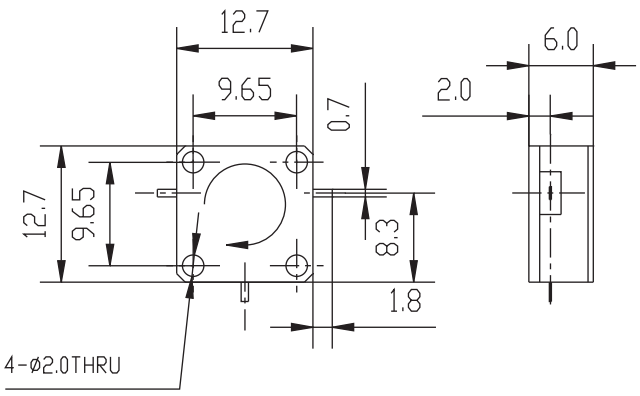
CD15-DROP-IN CIRCULATOR



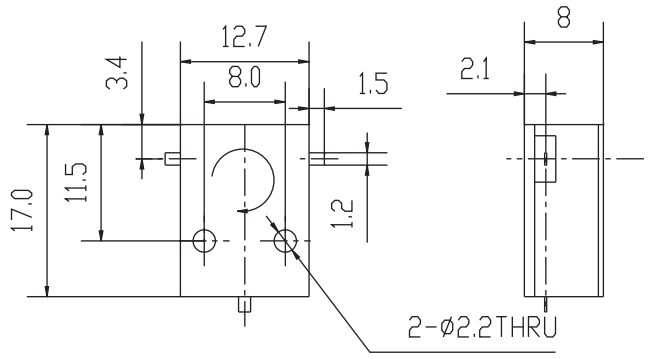
CD16-DROP-IN CIRCULATOR



CD17-DROP-IN CIRCULATOR



CD18-DROP-IN CIRCULATOR



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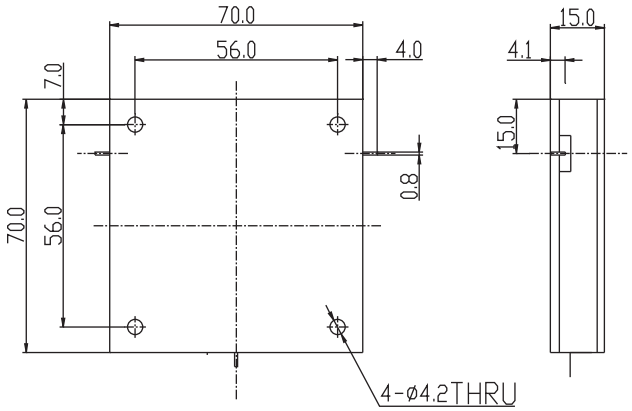
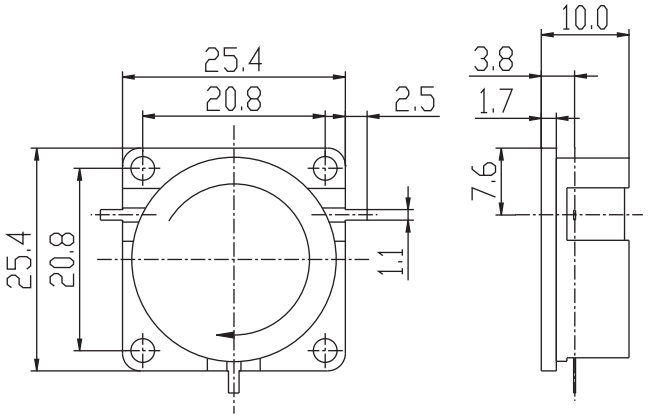
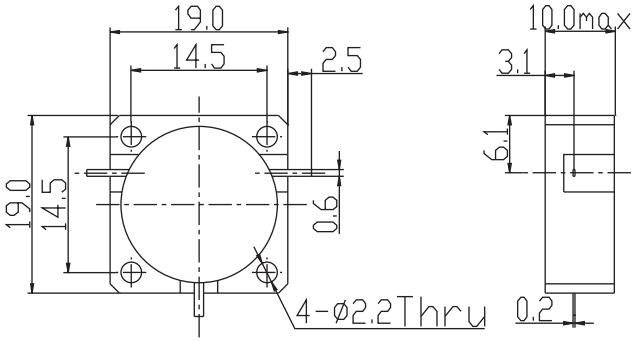


CD20-DROP-IN CIRCULATOR



CD21-DROP-IN CIRCULATOR



CD22-DROP-IN CIRCULATOR

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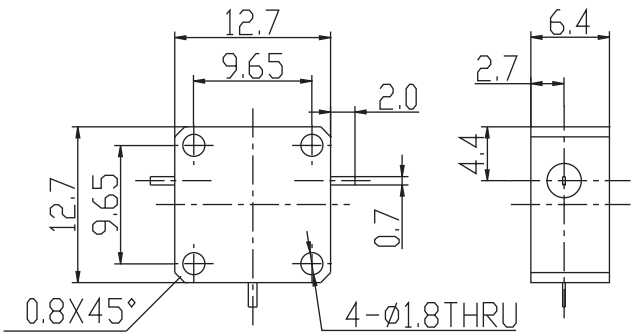
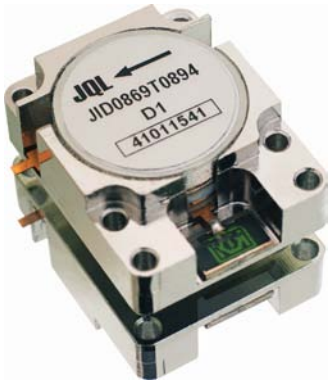


CD23-DROP-IN CIRCULATOR

DROP-IN ISOLATOR

- Broad Selection of Frequency and Bandwidth (0.3Ghz-18Ghz, from 3% to Full Bandwidth)
- Wide Variety of Packages
- Military, Space and Commercial Applications
- High Power Handling available
- Attenuator Option
- High Typical Isolation Above 25dB
- Low Typical Insertion Loss Below 0.3dB
- Wide Operation Temperature Range
- Custom Design Available Upon Request (see select-a-frequency section)



DROP-IN ISOLATOR BY APPLICATION

FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	IMD (-dBc)MAX	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	@ 2X47dBm	(mm)	CODE
VHF APPLICATION										
0.132	0.144	JID0132T0144G10	18	0.60	1.30	0~60	100/100	NO DATA	70*78*15	ID26
0.144	0.148	JID0144T0148G10	18	0.60	1.30	0~60	100/100	NO DATA	70*78*15	ID26
0.148	0.156	JID0148T0156G10	18	0.60	1.30	0~60	100/100	NO DATA	70*78*15	ID26
0.156	0.174	JID0156T0174G10	18	0.60	1.30	0~60	100/100	NO DATA	70*78*15	ID26
UHF / TETRA APPLICATION										
0.300	0.420	JID0300T0420G10	18	0.50	1.30	-30~+60	150/100	NO DATA	70*78*15	ID26
0.380	0.400	JID0380T0400G10	25	0.25	1.15	-30~+60	150/100	NO DATA	44*57.5*16	ID01
0.380	0.460	JID0380T0460G10	20	0.40	1.25	-30~+60	150/100	NO DATA	44*57.5*16	ID01
0.410	0.430	JID0410T0430G10	20	0.40	1.25	-30~+60	150/100	NO DATA	44*57.5*16	ID01
0.420	0.450	JID0420T0450G10	25	0.25	1.15	-30~+60	150/100	NO DATA	44*57.5*16	ID01
0.450	0.470	JID0450T0470G10	25	0.25	1.15	-30~+60	150/100	NO DATA	44*57.5*16	ID01
0.470	0.512	JID0470T0512G10	25	0.25	1.15	-30~+60	150/100	NO DATA	44*57.5*16	ID01
0.512	0.698	JID0512T0698G10	20	0.40	1.25	-30~+60	150/100	NO DATA	44*57.5*16	ID01
0.698	0.806	JID0698T0806G10	20	0.40	1.25	-30~+60	150/100	NO DATA	44*57.5*16	ID01
DIGITAL TV APPLICATION										
0.470	0.600	JID0470T0600G10	20	0.40	1.25	-30~+60	150/100	NO DATA	44*57.5*16	ID01
RFID APPLICATION										
0.860	0.872	JID0860T0872M10	23	0.22	1.15	-30~+75	150/100	-75	25.4*31.7*10	ID27
0.860	0.960	JID0860T0960M10	21	0.30	1.20	-30~+75	150/100	-75	25.4*31.7*10	ID27
0.902	0.928	JID0902T0928M10	23	0.22	1.15	-30~+75	150/100	-75	25.4*31.7*10	ID27
0.950	0.956	JID0950T0956M10	23	0.22	1.15	-30~+75	150/100	-75	25.4*31.7*10	ID27
CELLULAR GSM APPLICATION										
0.800	0.960	JID0800T0960M10	20	0.40	1.25	-20~+85	150/100	-70	25.4*31.7*10	ID27
0.824	0.849	JID0824T0849M10	23	0.22	1.15	-20~+85	150/100	-75	25.4*31.7*10	ID27
0.824	0.849	JID0824T0849M10-II	20	0.35	1.20	-20~+85	100/100	-65	19*25.4*10	ID28
0.869	0.894	JID0869T0894M10	23	0.22	1.15	-20~+85	150/100	-75	25.4*31.7*10	ID27
0.869	0.894	JID0869T0894M10-II	20	0.35	1.20	-20~+85	100/100	-65	19*25.4*10	ID28
0.869	0.960	JID0869T0960M10	22	0.25	1.20	-20~+85	150/100	-70	25.4*31.7*10	ID27
0.876	0.880	JID0876T0880M10	22	0.22	1.15	-20~+85	150/100	-75	25.4*31.7*10	ID27
0.876	0.880	JID0876T0880M10-II	20	0.35	1.20	-20~+85	100/100	-65	19*25.4*10	ID28
0.880	0.915	JID0880T0915M10	22	0.22	1.15	-20~+85	150/100	-75	25.4*31.7*10	ID27
0.880	0.915	JID0880T0915M10-II	20	0.35	1.20	-20~+85	100/100	-65	19*25.4*10	ID28
0.921	0.925	JID0921T0925M10	22	0.22	1.15	-20~+85	150/100	-75	25.4*31.7*10	ID27
0.921	0.925	JID0921T0925M10-II	20	0.35	1.20	-20~+85	100/100	-65	19*25.4*10	ID28
0.923	0.962	JID0923T0962M10	22	0.22	1.15	-20~+85	150/100	-75	25.4*31.7*10	ID27
0.923	0.962	JID0923T0962M10-II	20	0.35	1.20	-20~+85	100/100	-65	19*25.4*10	ID28
0.925	0.960	JID0925T0960M10	22	0.22	1.15	-20~+85	150/100	-75	25.4*31.7*10	ID27
0.925	0.960	JID0925T0960M10-II	20	0.35	1.20	-20~+85	100/100	-65	19*25.4*10	ID28
0.935	0.960	JID0935T0960M10	22	0.22	1.15	-20~+85	150/100	-75	25.4*31.7*10	ID27
0.935	0.960	JID0935T0960M10-II	20	0.35	1.20	-20~+85	100/100	-65	19*25.4*10	ID28

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DROP-IN ISOLATOR BY APPLICATION										
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR	IMD (-dBc)MAX	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	@ 2X47dBm	(mm)	CODE
CELLULAR DCS/PCS APPLICATION										
1.710	1.785	JID1710T1785M10	22	0.25	1.15	-35~+85	100/100	-70	19*25.4*10	ID28
1.710	1.785	JID1710T1785M10-II	22	0.22	1.15	-35~+85	150/100	-75	25.4*31.7*10	ID27
1.803	1.882	JID1803T1882M10	22	0.25	1.15	-35~+85	100/100	-70	19*25.4*10	ID28
1.803	1.882	JID1803T1882M10-II	22	0.22	1.15	-35~+85	150/100	-75	25.4*31.7*10	ID27
1.805	1.880	JID1805T1880M10	22	0.25	1.15	-35~+85	100/100	-70	19*25.4*10	ID28
1.805	1.880	JID1805T1880M10-II	22	0.22	1.15	-35~+85	150/100	-75	25.4*31.7*10	ID27
1.805	1.990	JID1805T1990M10	21	0.35	1.25	-35~+85	100/100	-70	19*25.4*10	ID28
1.805	1.990	JID1805T1990M10-II	21	0.30	1.25	-35~+85	150/100	-75	25.4*31.7*10	ID27
1.850	1.910	JID1805T1910M10	21	0.25	1.25	-35~+85	100/100	-70	19*25.4*10	ID28
1.850	1.910	JID1805T1910M10-II	22	0.25	1.25	-35~+85	150/100	-75	25.4*31.7*10	ID27
1.930	1.990	JID1930T1990M10	22	0.22	1.15	-35~+85	100/100	-75	19*25.4*10	ID28
1.930	1.990	JID1930T1990M10-II	22	0.22	1.15	-35~+85	150/100	-75	25.4*31.7*10	ID27
CELLULAR UMTS/CDMA APPLICATION										
2.080	2.200	JID2080T2200M10	22	0.22	1.15	-35~+85	100/100	-75	19*25.4*10	ID28
2.080	2.200	JID2080T2200M10-II	22	0.22	1.15	-35~+85	150/100	-75	25.4*31.7*10	ID27
2.110	2.170	JID2110T2170M10	22	0.22	1.15	-35~+85	100/100	-75	19*25.4*10	ID28
2.110	2.170	JID2110T2170M10-II	22	0.22	1.15	-35~+85	150/100	-75	25.4*31.7*10	ID27
WIMAX APPLICATION										
2.300	2.500	JID2300T2500M10	21	0.25	1.25	-35~+85	100/100	-75	19*25.4*10	ID28
2.300	2.500	JID2300T2500M10-II	22	0.25	1.25	-35~+85	150/100	-75	25.4*31.7*10	ID27
2.496	2.690	JID2496T2690M10	21	0.25	1.25	-35~+85	100/100	-75	19*25.4*10	ID28
2.496	2.690	JID2496T2690M10-II	22	0.25	1.25	-35~+85	150/100	-75	25.4*31.7*10	ID27
2.500	2.700	JID2500T2700M10	21	0.25	1.25	-35~+85	100/100	-75	19*25.4*10	ID28
2.500	2.700	JID2500T2700M10-II	22	0.25	1.25	-35~+85	150/100	-75	25.4*31.7*10	ID27
3.300	3.500	JID3300T3500G1	23	0.30	1.20	-35~+85	100/10	NO DATA	19*19*7.7	ID17
3.300	3.800	JID3300T3800G1	21	0.40	1.25	-35~+85	100/10	NO DATA	19*19*7.7	ID17
3.400	3.600	JID3400T3600G1	23	0.30	1.20	-35~+85	100/10	NO DATA	19*19*7.7	ID17

NARROW BAND D ROP-IN ISOLATOR									
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING	SIZE L *W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	(mm)	CODE
0.132	0.144	JID0132 T0144G10	18	0.60	1.30	0~60	100/ 100	70*78*15	ID26
0.144	0.148	JID0144 T0148G10	18	0.60	1.30	0~60	100/ 100	70*78*15	ID26
0.148	0.156	JID0148 T0156G10	18	0.60	1.30	0~60	100/ 100	70*78*15	ID26
0.156	0.174	JID0156 T0174G10	18	0.60	1.30	0~60	100/ 100	70*78*15	ID26
0.300	0.420	JID0300 T0420G10	18	0.50	1.30	-30~+60	150/ 100	70*78*15	ID26
0.380	0.400	JID0380 T0400G10	25	0.25	1.15	-30~+60	150/ 100	44*57. 5*16	ID01
0.380	0.450	JID0380 T0450G15	19	0.40	1.25	-15~+60	200/ 150	44*57. 5*16	ID01
0.380	0.450	JID0380 T0450G6	19	0.40	1.25	-15~+60	100/ 60	44*54*16	ID02
0.380	0.460	JID0380 T0460G10	20	0.40	1.25	-30~+60	150/ 100	44*57. 5*16	ID01
0.410	0.430	JID0410 T0430G10	20	0.40	1.25	-30~+60	150/ 100	44*57. 5*16	ID01
0.420	0.450	JID0420 T0450G10	25	0.25	1.15	-30~+60	150/ 100	44*57. 5*16	ID01
0.420	0.450	JID0420 T0450G15	23	0.40	1.20	-15~+60	200/ 150	44*57. 5*16	ID01
0.420	0.450	JID0420 T0450G6	25	0.30	1.20	-15~+60	100/ 60	44*54*16	ID02
0.450	0.470	JID0450 T0470G10	25	0.25	1.15	-30~+60	150/ 100	44*57. 5*16	ID01
0.470	0.512	JID0470 T0512G10	25	0.25	1.15	-30~+60	150/ 100	44*57. 5*16	ID01
0.512	0.698	JID0512 T0698G10	20	0.40	1.25	-30~+60	150/ 100	44*57. 5*16	ID01
0.470	0.600	JID0470 T0600G10	20	0.40	1.25	-30~+60	150/ 100	44*57. 5*16	ID01
0.698	0.806	JID0698 T0806G10	20	0.40	1.25	-30~+60	150/ 100	44*57. 5*16	ID01
0.860	0.872	JID0860 T0872M 10	23	0.22	1.15	-30~+75	150/ 100	25. 4*31. 7*10	ID27
0.860	0.960	JID0860 T0960M 10	21	0.30	1.20	-30~+75	150/ 100	25. 4*31. 7*10	ID27
0.902	0.928	JID0902 T0928M 10	23	0.22	1.15	-30~+75	150/ 100	25. 4*31. 7*10	ID27
0.950	0.956	JID0950 T0956M 10	23	0.22	1.15	-30~+75	150/ 100	25. 4*31. 7*10	ID27
0.800	0.960	JID0800 T0960M 10	20	0.40	1.25	-20~+85	150/ 100	25. 4*31. 7*10	ID27
0.824	0.849	JID0824T 0849M 10	23	0.22	1.15	-20~+85	150/ 100	25. 4*31. 7*10	ID27
0.824	0.849	JID0824T 0849M 10-II	20	0.35	1.20	-20~+85	100/ 100	19*25. 4*10	ID28

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NARROW BAND D ROP-IN ISOLATOR									
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV(W)	(mm)	CODE
0.850	0.875	JID0850T0875S6	23	0.35	1.20	-30~+70	100/60	25.4*31*6.8	ID08
0.869	0.894	JID0869T0894M10	23	0.22	1.15	-20~+85	150/100	25.4*31.7*10	ID27
0.869	0.894	JID0869T0894M10-II	20	0.35	1.20	-20~+85	100/100	19*25.4*10	ID28
0.869	0.894	JID0869T0894G1	25	0.35	1.20	-30~+70	60/10	20*20*8.6	ID03
0.869	0.894	JID0869T0894S6	25	0.30	1.20	-30~+70	100/60	25.4*31*6.8	ID08
0.869	0.894	JID0869T0894G1-B	25	0.30	1.20	-30~+70	60/10	25.4*25.4*12	ID09
0.869	0.960	JID0869T0960M10	22	0.25	1.20	-20~+85	150/100	25.4*31.7*10	ID27
0.876	0.880	JID0876T0880M10	22	0.22	1.15	-20~+85	150/100	25.4*31.7*10	ID27
0.876	0.880	JID0876T0880M10-II	20	0.35	1.20	-20~+85	100/100	19*25.4*10	ID28
0.880	0.915	JID0880T0915M10	22	0.22	1.15	-20~+85	150/100	25.4*31.7*10	ID27
0.880	0.915	JID0880T0915M10-II	20	0.35	1.20	-20~+85	100/100	19*25.4*10	ID28
0.921	0.925	JID0921T0925M10	22	0.22	1.15	-20~+85	150/100	25.4*31.7*10	ID27
0.921	0.925	JID0921T0925M10-II	20	0.35	1.20	-20~+85	100/100	19*25.4*10	ID28
0.923	0.962	JID0923T0962M10	22	0.22	1.15	-20~+85	150/100	25.4*31.7*10	ID27
0.923	0.962	JID0923T0962M10-II	20	0.35	1.20	-20~+85	100/100	19*25.4*10	ID28
0.925	0.960	JID0925T0960M10	22	0.22	1.15	-20~+85	150/100	25.4*31.7*10	ID27
0.925	0.960	JID0925T0960M10-II	20	0.35	1.20	-20~+85	100/100	19*25.4*10	ID28
0.925	0.960	JID0925T0960G1	25	0.35	1.20	-30~+70	60/10	20*20*8.6	ID03
0.925	0.960	JID0925T0960S6	25	0.30	1.20	-30~+70	100/60	25.4*31*6.8	ID08
0.925	0.960	JID0925T0960G1-B	25	0.30	1.20	-30~+70	60/10	25.4*25.4*12	ID09
0.935	0.960	JID0935T0960M10	22	0.22	1.15	-20~+85	150/100	25.4*31.7*10	ID27
0.935	0.960	JID0935T0960M10-II	20	0.35	1.20	-20~+85	100/100	19*25.4*10	ID28
0.960	1.215	JID0960T1215G1	20	0.40	1.25	-30~+70	30/10	25.4*28.5*12	ID07
0.980	1.080	JID0980T1080G1	21	0.35	1.20	-30~+70	60/10	25.4*25.4*12	ID09
0.990	1.130	JI0990T1130G1	20	0.50	1.25	-30~+70	60/10	20*20*9.1	ID04
0.995	1.134	JID0995T1134G1	20	0.50	1.25	-30~+70	60/10	20*20*9.1	ID04
1.000	1.100	JID1000T1100G1	20	0.40	1.20	-40~+85	60/10	25.4*25.4*12	ID09
1.030	1.090	JID1030T1090G1	25	0.30	1.20	-30~+70	60/10	25.4*28.5*12	ID07
1.030	1.090	JID1030T1090S6	20	0.35	1.20	-30~+70	100/60	25.4*31.7*6.8	ID08
1.080	1.195	JID1080T1195G1	20	0.35	1.20	-30~+70	60/10	25.4*28.5*12	ID07
1.080	1.195	JID1080T1195S6	20	0.35	1.20	-30~+70	100/60	25.4*31.7*6.8	ID08
1.200	1.400	JID1200T1400G1	20	0.40	1.20	-30~+70	60/10	25.4*25.4*12	ID09
1.300	1.400	JID1300T1400G1	20	0.50	1.20	-40~+85	60/10	25.4*25.4*12	ID09
1.300	1.400	JID1300T1400G1-B	20	0.50	1.20	-40~+85	60/10	20*30*11.5	ID11
1.435	1.535	JID1435T1535G1	21	0.35	1.22	-30~+70	60/10	20*24.4*12	ID12
1.525	1.559	JID1525T1559G1	25	0.30	1.20	-30~+70	60/10	20*24.4*12	ID12
1.605	1.625	JID1605T1625S1	20	0.40	1.20	-30~+70	60/10	15*16.5*6.6	ID10
1.710	1.785	JID1710T1785M10	22	0.25	1.15	-35~+85	100/100	19*25.4*10	ID28
1.710	1.785	JID1710T1785M10-II	22	0.22	1.15	-35~+85	150/100	25.4*31.7*10	ID27
1.803	1.882	JID1803T1882M10	22	0.25	1.15	-35~+85	100/100	19*25.4*10	ID28
1.803	1.882	JID1803T1882M10-II	22	0.22	1.15	-35~+85	150/100	25.4*31.7*10	ID27
1.805	1.880	JID1805T1880M10	22	0.25	1.15	-35~+85	100/100	19*25.4*10	ID28
1.805	1.880	JID1805T1880M10-II	22	0.22	1.15	-35~+85	150/100	25.4*31.7*10	ID27
1.805	1.880	JID1835T1880S6	25	0.30	1.20	-30~+70	100/60	19*25.4*5.6	ID13
1.805	1.880	JID1835T1880S0	25	0.30	1.20	-30~+70	30/5	19*19*5.6	ID14
1.805	1.990	JID1805T1990S10	21	0.35	1.25	-35~+85	100/100	19*25.4*10	ID28
1.805	1.990	JID1805T1990M10-II	21	0.30	1.25	-35~+85	150/100	25.4*31.7*10	ID27
1.805	1.910	JID1805T1910M10	21	0.25	1.25	-35~+85	100/100	19*25.4*10	ID28
1.805	1.910	JID1805T1910M10-II	22	0.25	1.25	-35~+85	150/100	25.4*31.7*10	ID27
1.900	2.030	JID1900T2030S6	25	0.30	1.20	-30~+70	100/60	19*25.4*5.6	ID13
1.900	2.030	JID1900T2030G0	25	0.30	1.20	-30~+70	30/5	19*19*5.6	ID14

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DROP-IN ISOLATOR

NARROW BAND DROP-IN ISOLATOR									
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	(mm)	CODE
1.930	1.990	JID1930T1990M10	22	0.22	1.15	-35~+85	100/100	19*25.4*10	ID28
1.930	1.990	JID1930T1990M10-II	22	0.22	1.15	-35~+85	150/100	25.4*31.7*10	ID27
1.930	1.990	JID1930T1990S6	25	0.30	1.20	-30~+70	100/60	19*25.4*5.6	ID13
1.930	1.990	JID1930T1990G0	25	0.30	1.20	-30~+70	30/5	19*19*5.6	ID14
1.960	2.170	JID1960T2170G0	20	0.40	1.20	-30~+70	30/5	20*24.2*12	ID12
2.070	2.140	JID2070T2140S6	25	0.30	1.20	-30~+70	100/60	19*25.4*5.6	ID13
2.070	2.140	JID2070T2140G0	25	0.30	1.20	-30~+70	30/5	19*19*5.6	ID14
2.080	2.200	JID2080T2200M10	22	0.22	1.15	-35~+85	100/100	19*25.4*10	ID28
2.080	2.200	JID2080T2200M10-II	22	0.22	1.15	-35~+85	150/100	25.4*31.7*10	ID27
2.095	2.185	JID2095T2185S6	25	0.30	1.20	-30~+70	100/60	19*25.4*5.6	ID13
2.095	2.185	JID2095T2185G0	25	0.30	1.20	-30~+70	30/5	19*19*5.6	ID14
2.100	2.300	JID2100T2300G1	25	0.30	1.20	-30~+70	60/10	20*30*11.5	ID11
2.100	2.300	JID2100T2300G1-B	23	0.30	1.20	-30~+70	60/10	18*25*10	ID16
2.110	2.170	JID2110T2170M10	22	0.22	1.15	-35~+85	100/100	19*25.4*10	ID28
2.110	2.170	JID2110T2170M10-II	22	0.22	1.15	-35~+85	150/100	25.4*31.7*10	ID27
2.150	2.350	JID2150T2350G1-B	23	0.30	1.20	-30~+70	60/10	18*25*10	ID16
2.200	2.300	JID2200T2300G1	23	0.30	1.20	-30~+70	60/10	18*25*10	ID16
2.300	2.500	JID2300T2500M10	21	0.25	1.25	-35~+85	100/100	19*25.4*10	ID28
2.300	2.500	JID2300T2500M10-II	22	0.25	1.25	-35~+85	150/100	25.4*31.7*10	ID27
2.300	2.700	JID2300T2700G2	20	0.40	1.20	-30~+70	100/25	25*30*11.5	ID15
2.365	2.435	JID2365T2435S1	23	0.30	1.20	-30~+70	60/10	19*19*5.6	ID14
2.415	2.485	JID2415T2485S1	23	0.30	1.20	-30~+70	60/10	19*19*5.6	ID14
2.496	2.690	JID2496T2690M10	21	0.25	1.25	-35~+85	100/100	19*25.4*10	ID28
2.496	2.690	JID2496T2690M10-II	22	0.25	1.25	-35~+85	150/100	25.4*31.7*10	ID27
2.500	2.700	JID2500T2700M10	21	0.25	1.25	-35~+85	100/100	19*25.4*10	ID28
2.500	2.700	JID2500T2700M10-II	22	0.25	1.25	-35~+85	150/100	25.4*31.7*10	ID27
2.500	2.700	JID2500T2700G2	25	0.30	1.20	-30~+70	100/25	25*30*11.5	ID15
2.500	2.700	JID2500T2700G1	23	0.30	1.20	-30~+70	60/10	18*25*10	ID16
2.700	2.900	JID2700T2900G1	23	0.30	1.20	-30~+70	60/10	18*25*10	ID16
2.800	3.300	JID2800T3300G1	20	0.60	1.25	-30~+70	60/10	25*30*11.5	ID15
2.850	3.550	JID2850T3550G1	22	0.40	1.20	-15~+50	60/10	25*30*11.5	ID15
2.900	3.100	JID2900T3100G1	23	0.40	1.20	-30~+70	60/10	25*30*11.5	ID15
3.000	3.500	JID3000T3500G1	20	0.50	1.25	-30~+70	30/10	19*19*7.7	ID17
3.100	3.500	JID3100T3500G0	20	0.50	1.20	-55~+85	30/1	19*19*7.7	ID17
3.300	3.500	JID3300T3500G1	23	0.30	1.20	-35~+85	100/10	19*19*7.7	ID17
3.300	3.800	JID3300T3800G1	21	0.40	1.25	-35~+85	100/10	19*19*7.7	ID17
3.400	3.600	JID3400T3600G1	23	0.30	1.20	-35~+85	100/10	19*19*7.7	ID17
3.400	3.700	JID3400T3700G1	25	0.30	1.20	-40~+75	30/10	16*26*10.5	ID19
3.400	3.800	JID3400T3800G0	20	0.50	1.20	-55~+85	30/1	19*19*7.7	ID17
3.400	3.900	JID3400T3900G1	20	0.50	1.20	-30~+70	30/10	19*19*7.7	ID17
3.500	3.800	JID3500T3800G1	23	0.30	1.20	-30~+70	30/10	19*19*7.7	ID17
3.600	4.200	JID3600T4200G1	23	0.40	1.20	-40~+75	30/10	16*26*10.5	ID19
3.700	4.200	JID3700T4200G1-B	20	0.50	1.25	-40~+75	30/10	19*19*7.7	ID17
3.700	4.200	JID3700T4200G1	23	0.40	1.20	-40~+75	30/10	16*26*10.5	ID19
3.700	4.300	JID3700T4300G1	23	0.40	1.20	-40~+75	30/10	16*26*10.5	ID19
4.200	4.400	JID4200T4400G1	25	0.30	1.20	-40~+75	20/10	10*18*8	ID20
4.400	5.000	JID4400T5000G1	23	0.40	1.20	-40~+75	20/10	12*20*6	ID21
4.500	4.700	JID4500T4700G1	25	0.30	1.20	-40~+75	20/10	10*18*8	ID20
4.750	5.250	JID4750T5250G1	23	0.40	1.20	-40~+75	20/10	12*20*6	ID21
5.150	5.650	JID5150T5650G1	23	0.40	1.20	-40~+75	20/10	12*20*6	ID21
5.400	5.900	JID5400T5900G1	23	0.40	1.20	-40~+75	20/10	12*20*6	ID21
5.845	6.425	JID5845T6425G1	23	0.40	1.20	-40~+75	20/10	12*20*6	ID21
5.900	6.400	JID5900T6400G1	23	0.40	1.20	-40~+75	20/10	12*20*6	ID21

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NARROW BAND DROP-IN ISOLATOR									
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV(W)	(mm)	CODE
6.600	7.300	JID6600 T7300G1	23	0.40	1.20	-40~+75	20/10	12*20*6	ID21
6.900	7.600	JID6900 T7600G1	23	0.40	1.20	-40~+75	20/10	12*20*6	ID21
7.000	7.500	JID7000 T7500G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
7.000	7.500	JID7000 T7500G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
7.000	7.700	JID7000 T7700G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
7.000	7.700	JID7000 T7700G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
7.100	7.700	JID7100 T7700G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
7.100	7.700	JID7100 T7700G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
7.125	7.875	JID7125 T7875G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
7.125	7.875	JID7125 T7875G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
7.500	8.400	JID7500 T8400G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
7.500	8.400	JID7500 T8400G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
7.800	8.600	JID7800 T8600G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
7.800	8.600	JID7800 T8600G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
8.000	8.500	JID8000 T8500G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
8.000	8.500	JID8000 T8500G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
8.600	9.600	JID8600 T9600G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
8.600	9.600	JID8600 T9600G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
9.200	9.900	JID9200 T9900G0-B	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
9.200	9.900	JID9200 T9900G0	23	0.50	1.20	-40~+75	15/5	8.9*15*5.6	ID06
9.200	9.900	JID9200 T9900G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
9.500	10.500	JID9500 T10K 5G0-B	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
9.500	10.500	JID9500 T10K 5G0	23	0.50	1.20	-40~+75	15/5	8.9*15*5.6	ID06
9.500	10.500	JID9500 T10K 5G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
10.400	11.300	JID10K 4T11K 3G0-B	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
10.400	11.300	JID10K 4T11K 3G0	23	0.50	1.20	-40~+75	15/5	8.9*15*5.6	ID06
10.400	11.300	JID10K 4T11K 3G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
10.700	11.950	JID10K 7T12K G0-B	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
10.700	11.950	JID10K 7T12K G0	23	0.50	1.20	-40~+75	15/5	8.9*15*5.6	ID06
10.700	11.950	JID10K 7T12K G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
10.750	12.800	JID10K 7T12K 8G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
10.750	12.800	JID10K 7T12K 8G1	23	0.40	1.20	-40~+75	20/10	12*20*9.5	ID22
12.100	12.800	JID12K 1T12K 8G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
12.700	13.500	JID12K T13K 5G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
13.750	14.500	JID13K 75T14K 5G2	22	0.35	1.20	-40~+75	20/15	12*20*9.5	ID22
17.200	17.900	JID17K 2T17K 9G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05
17.300	18.100	JID17K 3T18K 1G0	23	0.40	1.20	-40~+75	15/5	8.9*15*7.8	ID05

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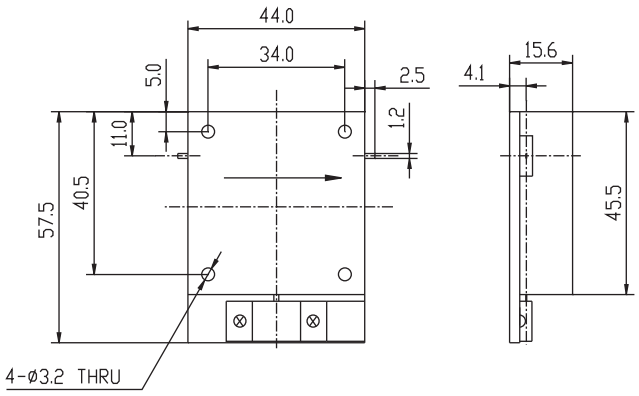
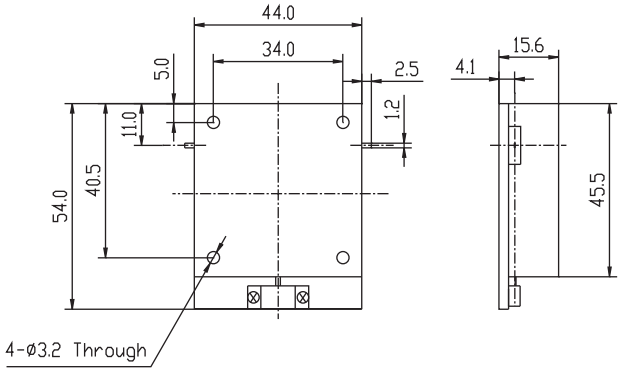
DUAL JUNCTION DROP-IN ISOLATOR									
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	(mm)	CODE
0.800	0.900	JI2D0800T0900S6	40	0.70	1.25	-30~+70	100/60	55.1*31.7*6.8	ID23
0.811	0.821	JI2D0811T0821S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.850	0.875	JI2D0850T0875S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.856	0.866	JI2D0856T0866S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.858	0.878	JI2D0858T0878S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.860	0.872	JI2D0860T0872S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.860	0.960	JI2D0860T0960S6	40	0.70	1.25	-30~+70	100/60	55.1*31.7*6.8	ID23
0.869	0.894	JI2D0869T0894S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.890	0.915	JI2D0890T0915S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.902	0.928	JI2D0902T0928S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.920	0.960	JI2D0920T0960S6	40	0.60	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.925	0.960	JI2D0925T0960S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.935	0.960	JI2D0935T0960S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
0.950	0.956	JI2D0950T0956S6	50	0.50	1.20	-30~+70	100/60	55.1*31.7*6.8	ID23
1.710	1.730	JI2D1710T1730S6	50	0.50	1.20	-30~+70	100/60	50*33.4*12	ID24
1.805	1.825	JI2D1805T1825S6	50	0.50	1.20	-30~+70	100/60	50*33.4*12	ID24
1.805	1.880	JI2D1805T1880S6	40	0.70	1.25	-30~+70	100/60	50*33.4*12	ID24
1.930	1.990	JI2D1930T1990S6	50	0.50	1.20	-30~+70	100/60	50*33.4*12	ID24
2.110	2.170	JI2D2110T2170S6	50	0.50	1.20	-30~+70	100/60	50*33.4*12	ID24
2.400	2.500	JI2D2400T2500S6	40	0.70	1.25	-30~+70	100/60	50*33.4*12	ID24

SELECT-A-FREQUENCY DROP-IN ISOLATOR							
FREQUENCY (GHz)		BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING
F1	F2	UP TO	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)
0.380	1.000	30MHz	25	0.30	1.20	-15~+60	100/60
0.380	1.000	30MHz	25	0.40	1.20	-15~+60	150/150
0.700	1.000	30MHz	23	0.35	1.20	-30~+70	100/60
0.800	1.200	25MHz	25	0.30	1.20	-30~+70	100/60
0.800	1.200	70MHz	23	0.30	1.20	-30~+70	100/60
0.800	1.200	200MHz	20	0.40	1.25	-30~+70	100/60
1.000	2.400	70MHz	23	0.30	1.20	-30~+70	100/60
1.000	2.400	200MHz	20	0.40	1.25	-30~+70	100/60
2.000	3.500	200MHz	25	0.30	1.20	-30~+70	100/60
2.000	3.500	400MHz	20	0.40	1.20	-30~+70	100/60
3.000	8.000	300MHz	25	0.30	1.20	-30~+70	25/10
3.000	8.000	600MHz	20	0.40	1.20	-30~+70	25/10
7.000	18.000	300MHz	25	0.30	1.20	-30~+70	15/5
7.000	18.000	1000MHz	20	0.40	1.20	-30~+70	15/5

SELECT-A-FREQUENCY DUAL JUNCTION DROP-IN ISOLATOR (HIGH ISOLATION)							
FREQUENCY (GHz)		BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING
F1	F2	UP	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)
0.800	1.800	25MHz	50	0.50	1.20	-30~+70	100/60
1.700	2.500	70MHz	40	0.60	1.25	-30~+70	100/60
3.500	6.500	300MHz	50	0.50	1.20	-30~+70	25/10
5.000	7.000	100MHz	50	0.50	1.20	-30~+70	15/5
7.000	18.000	500MHz	50	0.50	1.20	-30~+70	15/5



ID01-DROP-IN ISOLATOR



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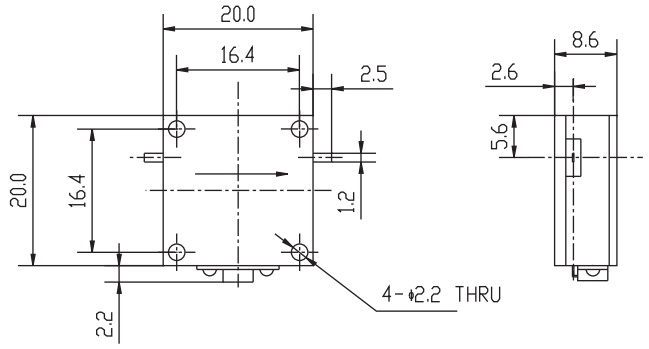

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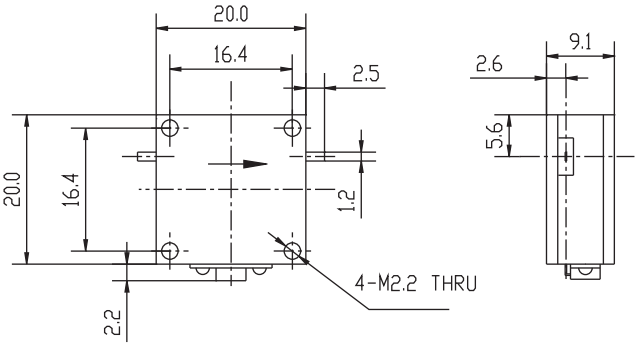

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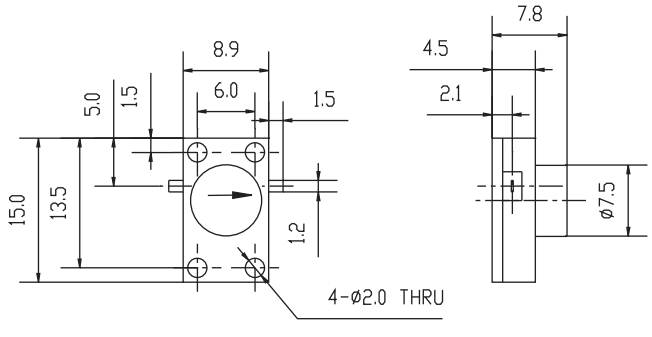

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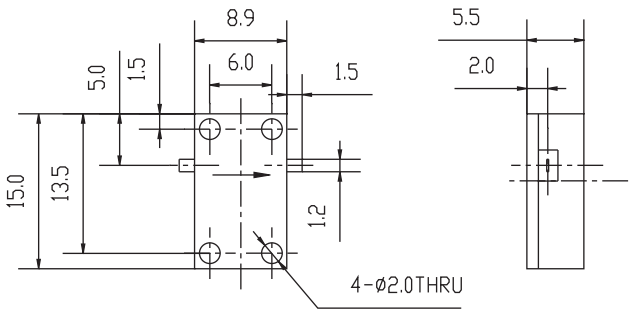

ID06-DROP-IN ISOLATOR

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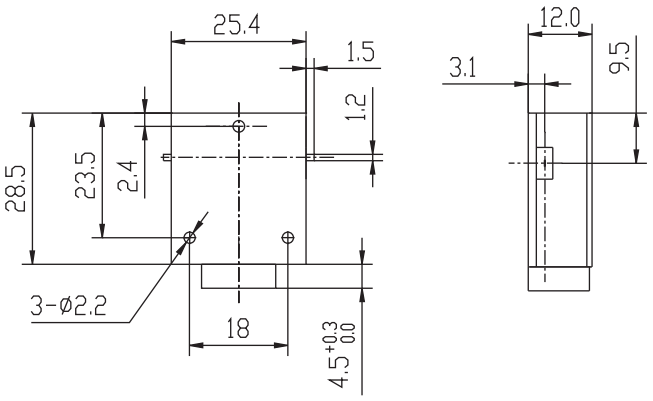

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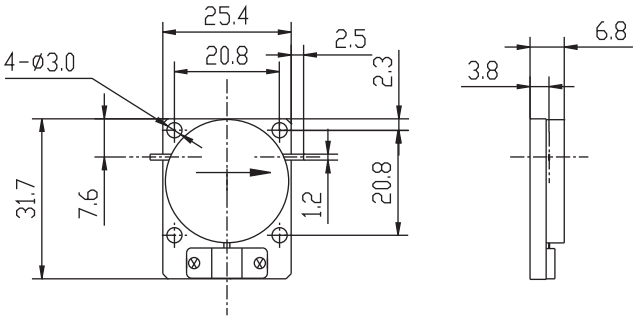

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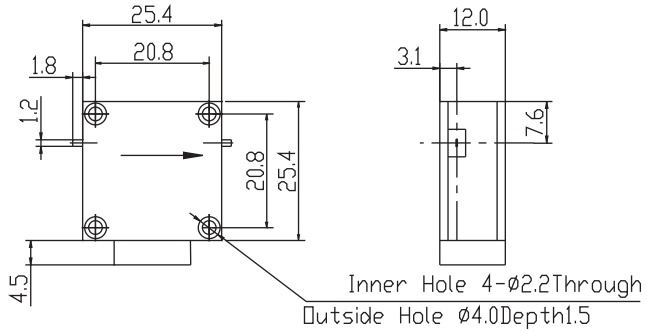

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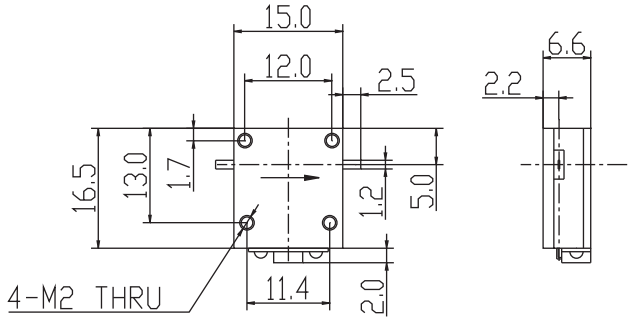

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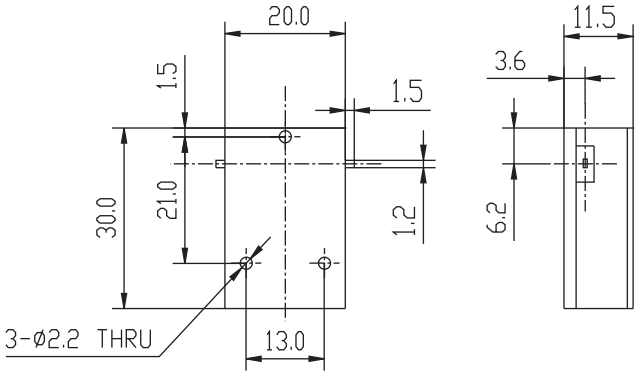

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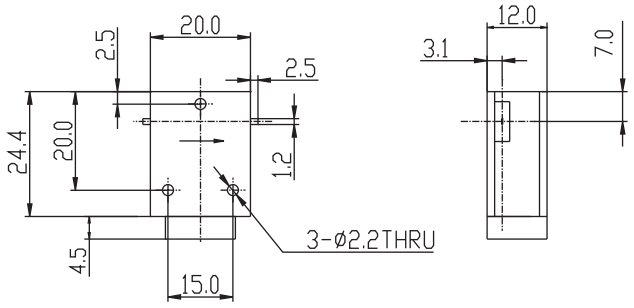

ID12-DROP-IN ISOLATOR

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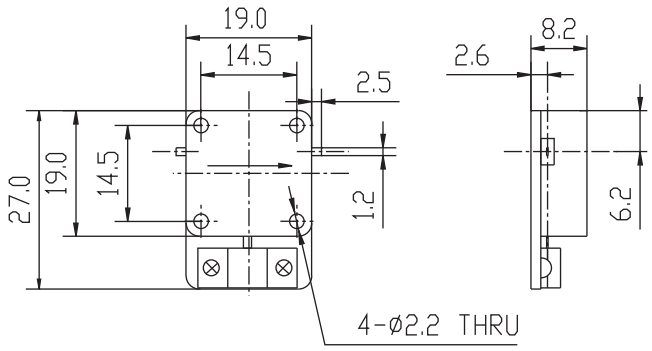

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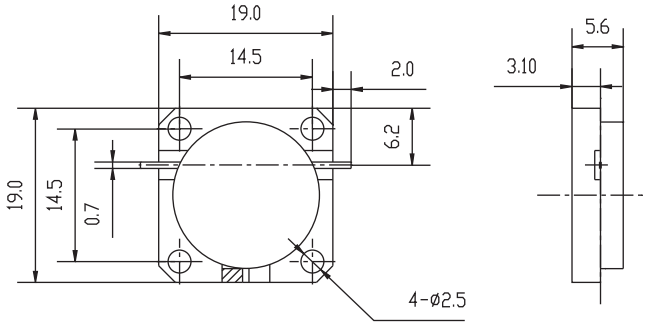

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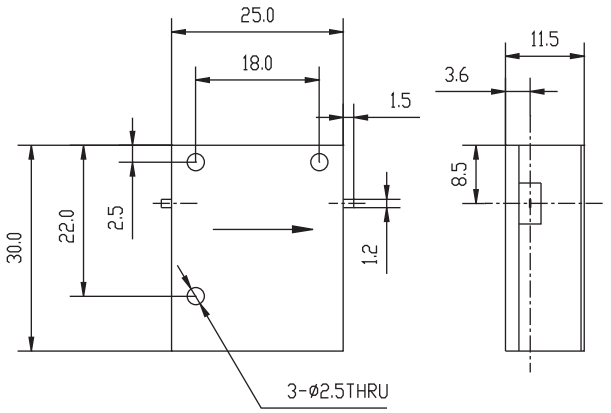

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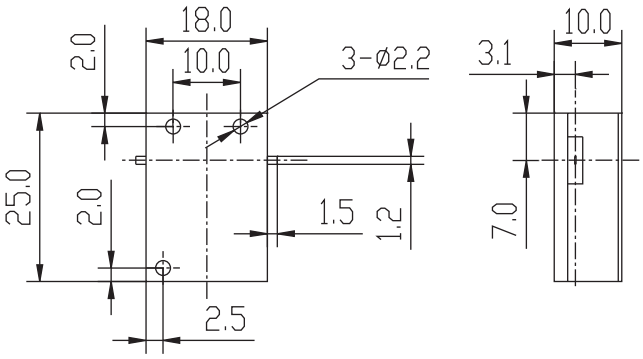

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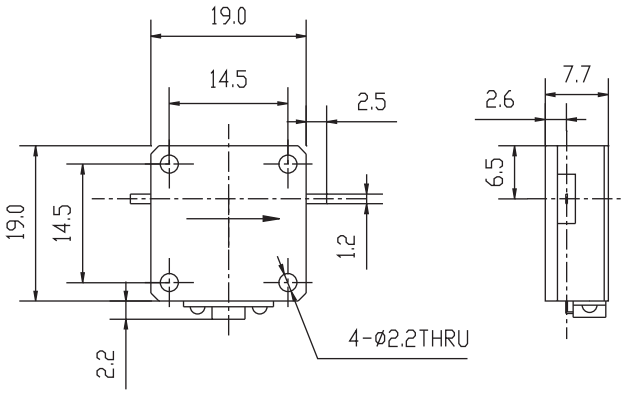

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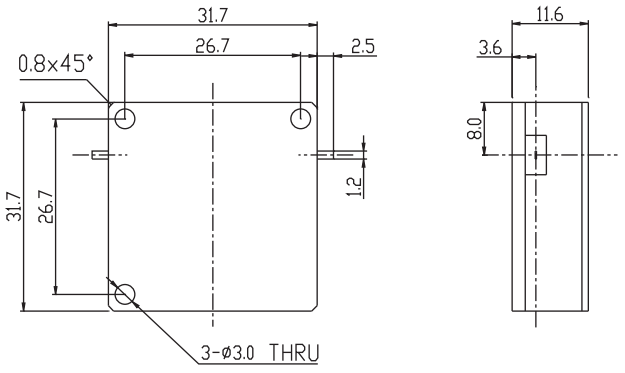

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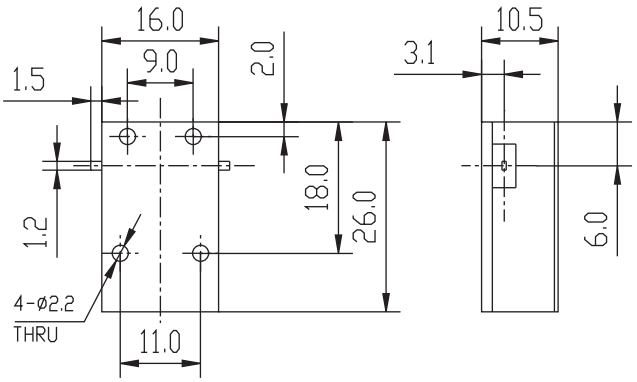

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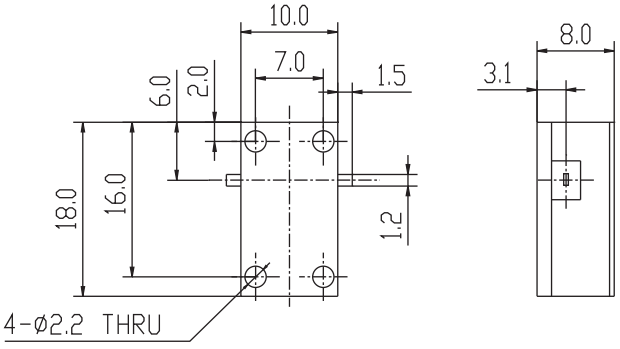

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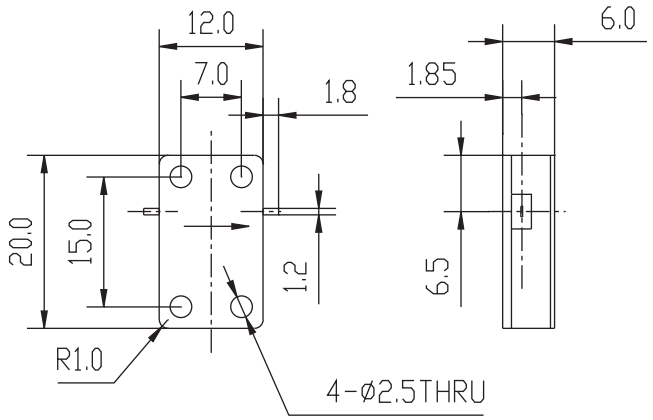

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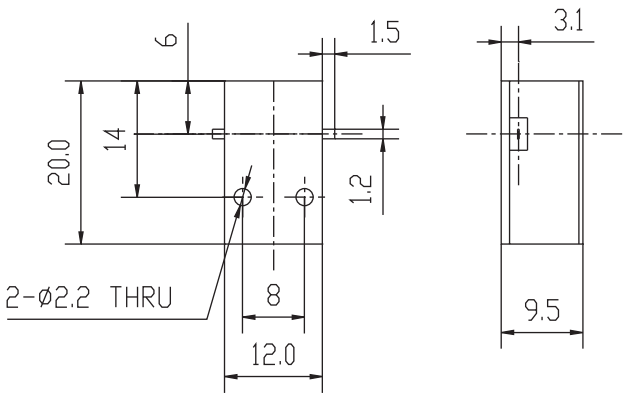

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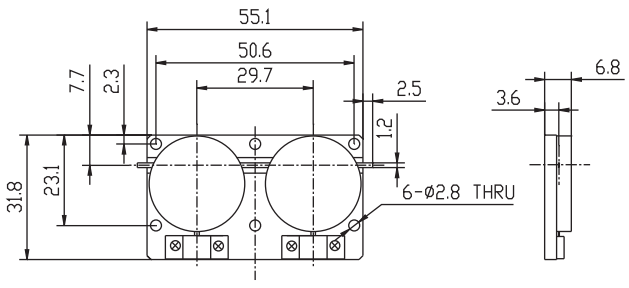

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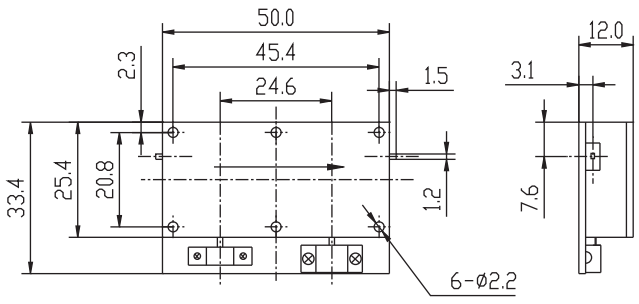

ID24-DROP-IN ISOLATOR

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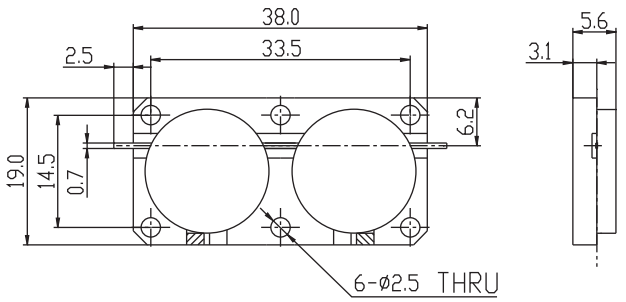

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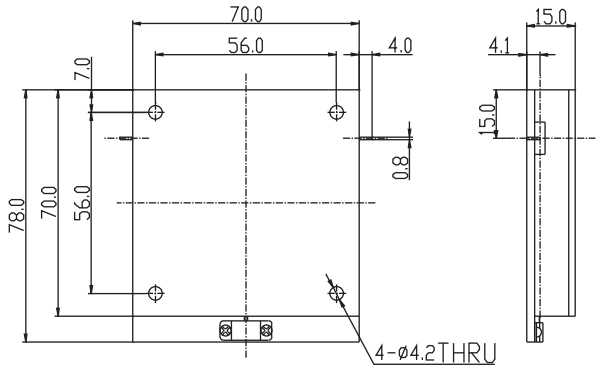

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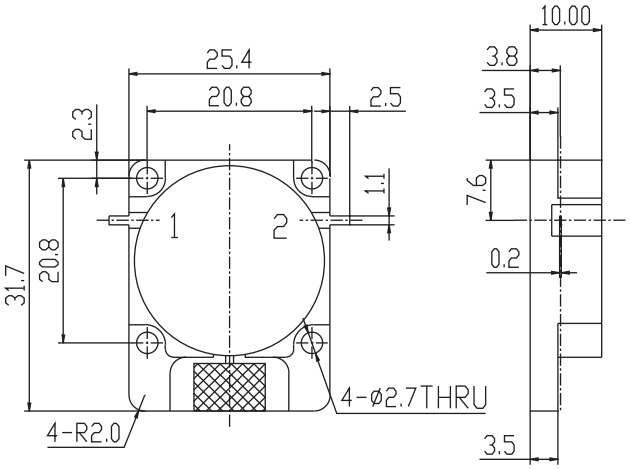

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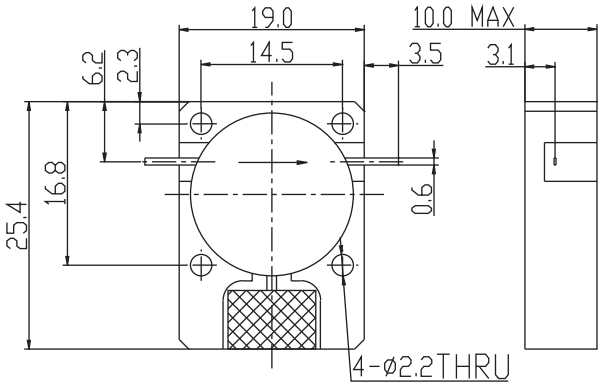

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- Custom Design Available Upon Request

SURFACE MOUNT CIRCULATOR BY APPLICATION

FREQUENCY (GHz) F1~F2 GHz		MODEL NUMBER	ISOLATION (dB) MIN	INS LOSS (dB) MAX	VSWR MAX	OPERATING TEMP(°C)	POWER AVG (W)	ROUND SIZE dia (mm)	DATA SHEET PACKAGE
RFID APPLICATION									
0.860	0.872	JCM0860T0872S10R	21	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
0.860	0.960	JCM0860T0960S10R	20	0.45	1.25	-30~+75	UP TO 100	24.2	CM03
0.902	0.928	JCM0902T0928S10R	20	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
0.950	0.956	JCM0950T0956S10R	23	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
CELLULAR / GSM / PCS / DCS / CDMA / UMTS APPLICATION									
0.856	0.866	JCM0856T0866S10R	21	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
0.858	0.878	JCM0858T0878S10R	21	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
0.860	0.894	JCM0860T0894S10R	21	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
0.869	0.894	JCM0869T0894S10R	23	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
0.890	0.915	JCM0890T0915S10R	21	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
0.920	0.960	JCM0920T0960S10R	23	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
0.925	0.960	JCM0925T0960S10R	23	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
0.935	0.960	JCM0935T0960S10R	21	0.35	1.20	-30~+75	UP TO 100	24.2	CM03
1.710	1.730	JCM1710T1730S6R	21	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
1.805	1.825	JCM1805T1825S6R	21	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
1.805	1.880	JCM1805T1880S6R	23	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
1.805	1.880	JCM1805T1880S10R-II	23	0.35	1.20	-40~+85	UP TO 100	24.2	CM03
1.930	1.990	JCM1930T1990S6R	23	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
1.930	1.990	JCM1930T1990S10R-II	23	0.35	1.20	-40~+85	UP TO 100	24.2	CM03
2.110	2.170	JCM2110T2170S6R	23	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
2.110	2.170	JCM2110T2170S10R-II	23	0.35	1.20	-40~+85	UP TO 100	24.2	CM03
WIMAX APPLICATION									
2.300	2.400	JCM2300T2400S6R	20	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
2.300	2.500	JCM2300T2500S6R	20	0.45	1.20	-40~+85	UP TO 60	18.2	CM04
2.400	2.500	JCM2400T2500S6R	20	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
2.496	2.572	JCM2496T2572S6R	20	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
2.496	2.690	JCM2496T2690S6R	20	0.45	1.20	-40~+85	UP TO 60	18.2	CM04
2.500	2.600	JCM2500T2600S6R	20	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
2.500	2.700	JCM2500T2700S6R	20	0.45	1.20	-40~+85	UP TO 60	18.2	CM04
2.570	2.620	JCM2570T2620S6R	20	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
2.614	2.690	JCM2614T2690S6R	20	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
2.900	3.100	JCM2900T3100S6R	20	0.45	1.20	-40~+85	UP TO 60	18.2	CM04
3.100	3.500	JCM3100T3500S6R	20	0.50	1.20	-40~+85	UP TO 60	18.2	CM04
3.200	3.400	JCM3200T3400S6R	21	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
3.300	3.500	JCM3300T3500S6R	21	0.35	1.20	-40~+86	UP TO 60	18.3	CM04
3.300	3.800	JCM3300T3800S6R	18	0.50	1.20	-40~+85	UP TO 60	18.2	CM04
3.400	3.600	JCM3400T3600S6R	21	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
3.500	3.700	JCM3500T3700S6R	21	0.35	1.20	-40~+85	UP TO 60	18.2	CM04
3.600	3.800	JCM3600T3800S6R	21	0.35	1.20	-40~+85	UP TO 60	18.2	CM04

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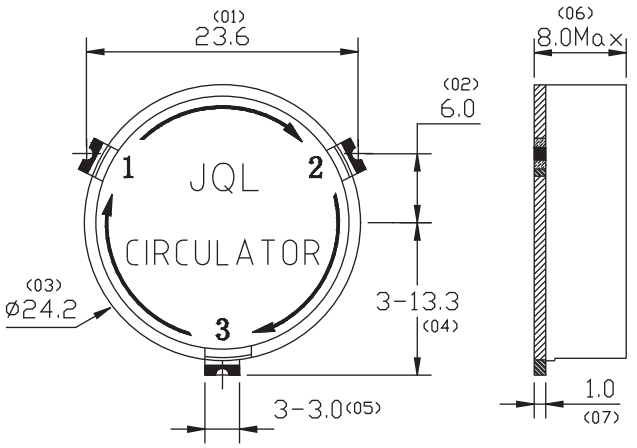
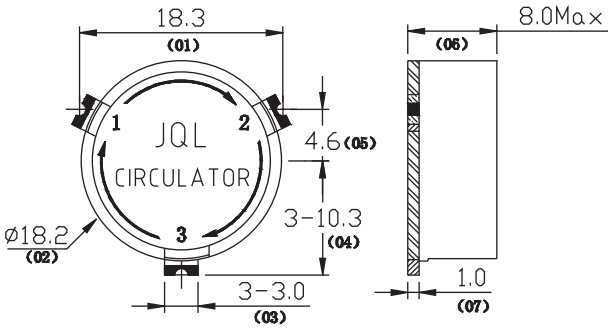
SURFACE MOUNT CIRCULATOR / ISOLATOR

SURFACE MOUNT CIRCULATOR BY APPLICATION									
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	OPERATING	POWER	ROUND SIZE	DATA SHEET
F1~F2 GHz		NUMBER	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG (W)	dia (mm)	PACKAGE
OTHER APPLICATION									
8.800	10.200	JCM8800T10K2G0	20	0.50	1.25:1	-40~+75	5	6.35	CM05
9.050	9.450	JCM9050T9450G0	20	0.40	1.20:1	-40~+75	5	6.35	CM05
9.500	10.000	JCM9500T10K0G0	20	0.40	1.20:1	-40~+75	5	6.35	CM05

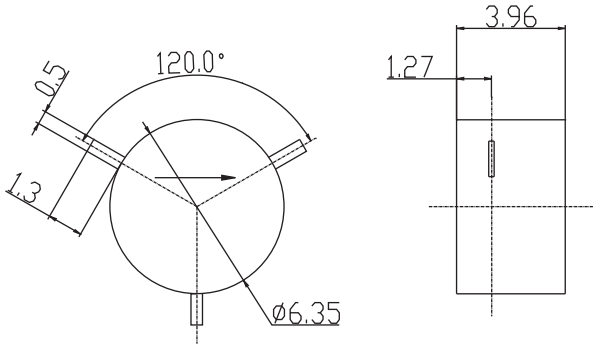
SELECT-A-FREQUENCY SURFACE MOUNT CIRCULATOR								
FREQUENCY (GHz)		BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	PWR HANDLING	ROUND SIZE	DATA SHEET
F1	F2	UP TO	(dB) MIN	(dB) MAX	MAX	TEMP(°c)	AVG(W)	dia (mm)	PACKAGE
0.800	1.200	25MHz	22	0.35	1.20	-30~+75	100	24.2	CM03
0.800	1.200	70MHz	21	0.35	1.20	-30~+75	100	24.2	CM03
0.800	1.200	100MHz	20	0.45	1.25	-30~+75	100	24.2	CM03
1.700	2.500	70MHz	21	0.35	1.20	-40~+85	60	18.2	CM04
1.700	2.500	200MHz	20	0.40	1.25	-40~+85	60	18.2	CM04
3.300	3.800	200MHz	20	0.40	1.25	-40~+85	60	18.2	CM04



CM03-SURFACE MOUNT CIRCULATOR



CM04-SURFACE MOUNT CIRCULATOR



CM05-SURFACE MOUNT CIRCULATOR

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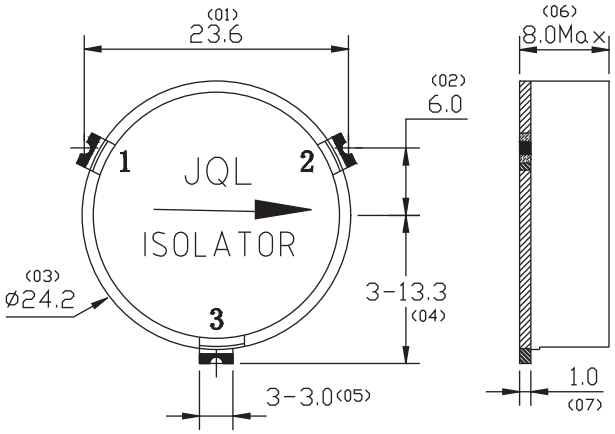
SURFACE MOUNT CIRCULATOR / ISOLATOR

SURFACE MOUNT ISOLATOR BY APPLICATION

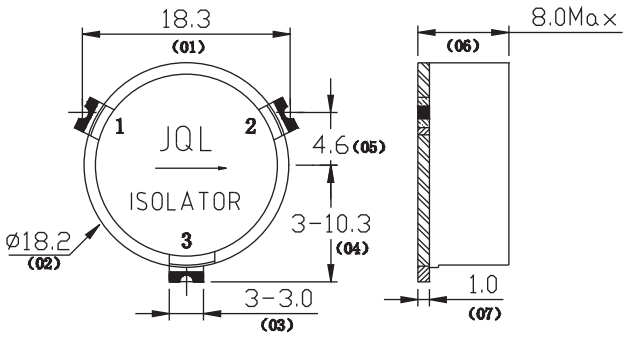
FREQUENCY (GHz) F1~F2 GHz		MODEL NUMBER	ISOLATION (dB) MIN	INS LOSS (dB) MAX	VSWR MAX	OPERATING TEMP(ºC)	POWER FWD/REV (W)	ROUND SIZE dia (mm)	DATA SHEET PACKAGE
RFID APPLICATION									
0.860	0.872	JIM0860T0872S1R	21	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.860	0.960	JIM0860T0960S1R	20	0.45	1.25	-30~+75	100/5	24. 2	IM03
0.902	0.928	JIM0902T0928S1R	20	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.950	0.956	JIM0950T0956S1R	23	0.35	1.20	-30~+75	100/5	24. 2	IM03
CELLULAR / GSM / PCS / DCS / CDMA / UMTS APPLICATION									
0.856	0.866	JIM0856T0866S1R	21	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.858	0.878	JIM0858T0878S1R	21	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.860	0.894	JIM0860T0894S1R	21	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.869	0.894	JIM0869T0894S1R	23	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.890	0.915	JIM0890T0915S1R	21	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.920	0.960	JIM0920T0960S1R	23	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.925	0.960	JIM0925T0960S1R	23	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.935	0.960	JIM0935T0960S1R	21	0.35	1.20	-30~+75	100/5	24. 2	IM03
1.710	1.730	JIM1710T1730S1R	21	0.35	1.20	-40~+85	60/5	18. 2	IM04
1.805	1.825	JIM1805T1825S1R	21	0.35	1.20	-40~+85	60/5	18. 2	IM04
1.805	1.880	JIM1805T1880S1R	23	0.35	1.20	-40~+85	60/5	18. 2	IM04
1.805	1.880	JIM1805T1880S1R-II	23	0.35	1.20	-40~+85	100/5	24. 2	IM03
1.930	1.990	JIM1930T1990S1R	23	0.35	1.20	-40~+85	60/5	18. 2	IM04
1.930	1.990	JIM1930T1990S1R-II	23	0.35	1.20	-40~+85	100/5	24. 2	IM03
2.110	2.170	JIM2110T2170S1R	23	0.35	1.20	-40~+85	60/5	18. 2	IM04
2.110	2.170	JIM2110T2170S1R-II	23	0.35	1.20	-40~+85	100/5	24. 2	IM03
WIMAX APPLICATION									
2.300	2.400	JIM2300T2400S1R	20	0.35	1.20	-40~+85	60/5	18. 2	IM04
2.300	2.500	JIM2300T2500S1R	20	0.45	1.20	-40~+85	60/5	18. 2	IM04
2.400	2.500	JIM2400T2500S1R	20	0.35	1.20	-40~+85	60/5	18. 2	IM04
2.496	2.572	JIM2496T2572S1R	20	0.35	1.20	-40~+85	60/5	18. 2	IM04
2.496	2.690	JIM2496T2690S1R	20	0.45	1.20	-40~+85	60/5	18. 2	IM04
2.500	2.600	JIM2500T2600S1R	20	0.35	1.20	-40~+85	60/5	18. 2	IM04
2.500	2.700	JIM2500T2700S1R	20	0.45	1.20	-40~+85	60/5	18. 2	IM04
2.570	2.620	JIM2570T2620S1R	20	0.35	1.20	-40~+85	60/5	18. 2	IM04
2.614	2.690	JIM2614T2690S1R	20	0.35	1.20	-40~+85	60/5	18. 2	IM04
2.900	3.100	JIM2900T3100S1R	20	0.45	1.20	-40~+85	60/5	18. 2	IM04
3.100	3.500	JIM3100T3500S1R	20	0.50	1.20	-40~+85	60/5	18. 2	IM04
3.200	3.400	JIM3200T3400S1R	21	0.35	1.20	-40~+85	60/5	18. 2	IM04
3.300	3.500	JIM3300T3500S1R	21	0.35	1.20	-40~+86	60/5	18. 3	IM04
3.300	3.800	JIM3300T3800S1R	18	0.50	1.20	-40~+85	60/5	18. 2	IM04
3.400	3.600	JIM3400T3600S1R	21	0.35	1.20	-40~+85	60/5	18. 2	IM04
3.500	3.700	JIM3500T3700S1R	21	0.35	1.20	-40~+85	60/5	18. 2	IM04
3.600	3.800	JIM3600T3800S1R	21	0.35	1.20	-40~+85	60/5	18. 2	IM04
OTHER APPLICATION									
8.800	10.200	JIM8800T10K2G0	20	0.50	1.25:1	-40~+75	5/0.5	6. 35	IM05
9.050	9.450	JIM9050T9450G0	20	0.40	1.20:1	-40~+75	5/0.5	6. 35	IM05
9.500	10.000	JIM9500T10K0G0	20	0.40	1.20:1	-40~+75	5/0.5	6. 35	IM05

SELECT-A-FREQUENCY SURFACE MOUNT ISOALTOR

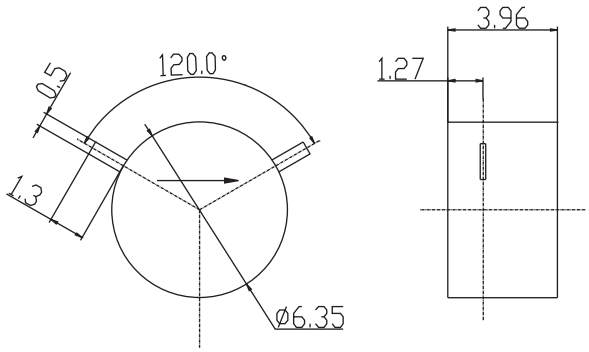
FREQUENCY (GHz) F1	F2	BANDWIDTH UP TO	ISOLATION (dB) MIN	INS LOSS (dB) MAX	VSWR MAX	OPERATING TEMP(ºC)	PWR FWD/REV (W)	ROUND SIZE dia (mm)	DATA SHEET PACKAGE
0.800	1.200	25MHz	22	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.800	1.200	70MHz	21	0.35	1.20	-30~+75	100/5	24. 2	IM03
0.800	1.200	100MHz	20	0.45	1.25	-30~+75	100/5	24. 2	IM03
1.700	2.500	70MHz	21	0.35	1.20	-40~+85	60/5	18. 2	IM04
1.700	2.500	200MHz	20	0.40	1.25	-40~+85	60/5	18. 2	IM04
3.300	3.800	200MHz	20	0.40	1.25	-40~+85	60/5	18. 2	IM04



IM03-SURFACE MOUNT ISOLATOR



IM04-SURFACE MOUNT ISOLATOR



IM05-SURFACE MOUNT ISOLATOR

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WAVEGUIDE CIRCULATOR

- Broad Selection of Frequency and Bandwidth (7.7Ghz-120Ghz, from 3% to Full Bandwidth)
- Military, Space and Commercial Applications
- High Power Design
- High Isolation, Low Insertion Loss
- Wide Operation Temperature Range
- Custom Design Available Upon Request

WAVEGUIDE CIRCULATOR

FREQUENCY (GHz)		MODEL	BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	POWER	SIZE L*W*H	WAVEGUIDE	PACKAGE
F1	F2	NUMBER	UP TO (MHz)	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG(W)	(mm)	TYPE	CODE
WR 112											
7.700	8.400	JCWR112-60-7700T8400	FULL	25	0.30	1.15	-40~+80	10	60*65*47.8	WR112	CW01
WR 90											
8.000	12.400	JCWR90-27-TBD	100	35	0.20	1.10	-40~+80	10	27*46.5*42	WR90	CW02
			500	25	0.30	1.15					
8.000	12.400	JCWR90-48-TBD	1000	23	0.30	1.15	-40~+80	10	48*53*42	WR90	CW03
8.700	9.700	JCWR90-48-8700T9700	FULL	23	0.30	1.15	-40~+80	15	48*53*42	WR90	CW03
9.000	9.200	JCWR90-27-9000T9200	FULL	25	0.20	1.15	-40~+80	10	27*46.5*42	WR90	CW02
9.000	9.200	JCWR90-48-9000T9200	FULL	25	0.20	1.15	-40~+80	15	48*53*42	WR90	CW03
10.400	10.800	JCWR90-27-10K4T10K8	FULL	25	0.30	1.15	-40~+80	10	27*46.5*42	WR90	CW02
10.400	10.800	JCWR90-48-10K4T10K8	FULL	25	0.30	1.15	-40~+80	15	48*53*42	WR90	CW03
10.250	10.750	JCWR90-27-10K25T10K75	FULL	25	0.20	1.15	-40~+80	10	27*46.5*42	WR90	CW02
10.250	10.750	JCWR90-48-10K25T10K75	FULL	25	0.20	1.15	-40~+80	15	48*53*42	WR90	CW03
10.500	11.800	JCWR90-27-10K5T11K8	FULL	25	0.20	1.15	-40~+80	10	27*46.5*42	WR90	CW02
10.500	11.800	JCWR90-48-10K5T11K8	FULL	25	0.20	1.15	-40~+80	15	48*53*42	WR90	CW03
10.700	11.700	JCWR90-48-10K7T11K7	FULL	23	0.30	1.15	-40~+80	15	48*53*42	WR90	CW03
WR 75											
10.000	16.000	JCWR75-42-TBD	300	26	0.20	1.10	-40~+80	10	42*48*38	WR75	CW04
			1000	25	0.30	1.15					
10.700	11.700	JCWR75-42-10K7T11K7	FULL	25	0.30	1.15	-40~+80	10	42*48*38	WR75	CW04
10.700	12.800	JCWR75-42-10K7T12K8	FULL	20	0.40	1.25	-40~+80	10	42*48*38	WR75	CW04
10.700	12.950	JCWR75-42-10K7T12K95	FULL	20	0.40	1.25	-40~+80	10	42*48*38	WR75	CW04
10.950	12.750	JCWR75-42-10K95T12K75	FULL	20	0.40	1.25	-40~+80	10	42*48*38	WR75	CW04
11.700	12.200	JCWR75-42-11K7T12K2	FULL	25	0.20	1.15	-40~+80	10	42*48*38	WR75	CW04
11.700	12.750	JCWR75-42-11K7T12K75	FULL	22	0.30	1.15	-40~+80	10	42*48*38	WR75	CW04
12.000	13.000	JCWR75-42-12K0T13K0	FULL	25	0.30	1.15	-40~+80	10	42*48*38	WR75	CW04
12.000	13.700	JCWR75-42-12K0T13K7	FULL	20	0.40	1.25	-40~+80	10	42*48*38	WR75	CW04
12.200	12.800	JCWR75-42-12K2T12K8	FULL	25	0.20	1.15	-40~+80	10	42*48*38	WR75	CW04
13.700	14.500	JCWR75-42-13K7T14K5	FULL	25	0.30	1.15	-40~+80	10	42*48*38	WR75	CW04
13.800	14.700	JCWR75-42-13K8T14K7	FULL	25	0.30	1.15	-40~+80	10	42*48*38	WR75	CW04
14.000	14.500	JCWR75-42-14K0T14K5	FULL	25	0.30	1.15	-40~+80	10	42*48*38	WR75	CW04
WR 62											
12.400	18.000	JCWR62-40-TBD	500	25	0.30	1.15	-40~+80	10	40*40*33.3	WR62	CW05
			1000	23	0.40	1.20					
14.000	15.300	JCWR62-40-14K0T15K3	FULL	20	0.40	1.25	-40~+80	10	40*40*33.3	WR62	CW05
14.200	15.600	JCWR62-40-14K2T15K6	FULL	20	0.40	1.25	-40~+80	10	40*40*33.3	WR62	CW05
16.000	17.000	JCWR62-40-16K0T17K0	FULL	23	0.40	1.20	-40~+80	10	40*40*33.3	WR62	CW05

WAVEGUIDE CIRCULATOR

WAVEGUIDE CIRCULATOR

FREQUENCY (GHz)		MODEL	BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	POWER	SIZE L*W*H	WAVEGUIDE	PACKAGE
F1	F2	NUMBER	UP TO (MHz)	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	AVG(W)	(mm)	TYPE	CODE
WR 51											
14.500	22.000	JCWR51-14D5-TBD	1000	23	0.30	1.20	-40~+80	10	32*35*30.2	WR51	CW06
18.500	19.500	JCWR51-14D5-18K5T19K5	FULL	23	0.30	1.20	-40~+80	10	32*35*30.2	WR51	CW06
WR 42											
18.500	26.500	JCWR42-22D2-TBD	2000	20	0.40	1.25	-40~+80	10	22.2*31.75*22.4	WR42	CW07
18.500	26.500	JCWR42-24-TBD	1000 2000	23 20	0.30 0.40	1.20 1.25	-40~+80	10	24*27*22.4	WR42	CW08
17.700	19.700	JCWR42-24-17K7T19K7	FULL	20	0.40	1.25	-40~+80	10	24*27*22.4	WR42	CW08
18.400	19.100	JCWR42-24-18K4T19K1	FULL	22	0.40	1.25	-40~+80	10	24*27*22.4	WR42	CW08
21.000	23.000	JCWR42-24-21K0T23K0	FULL	20	0.40	1.25	-40~+80	10	24*27*22.4	WR42	CW08
21.200	23.600	JCWR42-24-21K2T23K6	FULL	20	0.40	1.25	-40~+80	10	24*27*22.4	WR42	CW08
24.500	26.500	JCWR42-24-24K5T26K5	FULL	20	0.40	1.25	-40~+80	10	24*27*22.4	WR42	CW08
WR 34											
21.700	33.000	JCWR34-22D3-TBD	1000	23	0.30	1.20	-40~+80	5	22.3*27*21.2	WR34	CW09
24.400	26.500	JCWR34-22D3-24K4T26K5	FULL	20	0.40	1.20	-40~+80	5	22.3*27*21.2	WR34	CW09
26.200	26.700	JCWR34-22D3-26K2T26K7	FULL	23	0.30	1.20	-40~+80	5	22.3*27*21.2	WR34	CW09
30.000	31.000	JCWR34-22D3-30K0T31K0	FULL	23	0.30	1.20	-40~+80	5	22.3*27*21.2	WR34	CW09
WR 28											
26.500	40.000	JCWR28-10-TBD	500 1000	25 20	0.30 0.30	1.15 1.25	-40~+80	5	10*24.5*19.1	WR28	CW10
26.500	40.000	JCWR28-15-TBD	1000	23	0.30	1.20	-40~+80	5	15*25.4*19.1	WR28	CW11
26.500	40.000	JCWR28-8-TBD	1000	20	0.30	1.25	-40~+80	5	8*16*23	WR28	CW12
26.500	40.000	JCWR28-21-TBD	500 1000	25 23	0.30 0.30	1.15 1.20	-40~+80	5	21*24*19.1	WR28	CW13
26.500	40.000	JCWR28-10Y-TBD	1000 2000	23 20	0.30 0.40	1.20 1.25	-40~+80	10	10*30.2*9.9	WR28	CW19
27.000	29.000	JCWR28-21-27K0T29K0	FULL	21	0.35	1.25	-40~+80	5	21*24*19.1	WR28	CW13
30.000	32.000	JCWR28-21-30K0T32K0	FULL	21	0.35	1.25	-40~+80	5	21*24*19.1	WR28	CW13
32.000	34.000	JCWR28-21-32K0T34K0	FULL	21	0.35	1.25	-40~+80	5	21*24*19.1	WR28	CW13
33.000	35.000	JCWR28-21-33K0T35K0	FULL	21	0.35	1.25	-40~+80	5	21*24*19.1	WR28	CW13
35.000	37.000	JCWR28-21-35K0T37K0	FULL	21	0.35	1.25	-40~+80	5	21*24*19.1	WR28	CW13
36.000	38.000	JCWR28-21-36K0T38K0	FULL	21	0.35	1.25	-40~+80	5	21*24*19.1	WR28	CW13
37.000	40.000	JCWR28-21-37K0T40K0	FULL	20	0.40	1.25	-40~+80	5	21*24*19.1	WR28	CW13
37.500	38.500	JCWR28-21-37K5T38K5	FULL	21	0.40	1.25	-40~+80	5	21*24*19.1	WR28	CW13
WR 22											
32.900	50.100	JCWR22-19-TBD	1000 2000	23 20	0.60 0.60	1.20 1.25	-40~+80	1	19*20*19.1	WR22	CW14
WR 18											
39.200	59.600	JCWR18-10-TBD	1000 2000	23 20	0.60 0.60	1.20 1.25	-40~+80	1	10*24.5*19.1	WR18	CW15
39.200	59.60	JCWR18-19-TBD	1000 2000	23 20	0.60 0.60	1.20 1.25	-40~+80	1	19*19.1*19.1	WR18	CW16
WR 14											
60.500	91.90	JCWR14-12D7-TBD	500 1000	20 18	0.60 1.00	1.25 1.30	-40~+80	1	12.7*23*19.1	WR14	CW17
WR 10											
84.000	100.00	JCWR10-10-TBD	1000 2000	23 18	0.80 1.00	1.20 1.30	-40~+80	0.5	10*25*19.1	WR10	CW18

HIGH POWER WAVEGUIDE CIRCULATOR

FREQUENCY (GHz)		MODEL	BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	SIZE L*W*H	POWER	PACKAGE
F1	F2	NUMBER	UP TO (MHz)	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	(mm)	(W)	CODE
WR 112										
7.800	8.400	JCWR112-6-HP	FULL	23	0.40	1.25	-55~+85	60*65*47.8	350	CW20
WR 90										
9.400	9.800	JCWR90-36-HP	FULL	40	0.40	1.15	-40~+80	36*90*33	150	CW21

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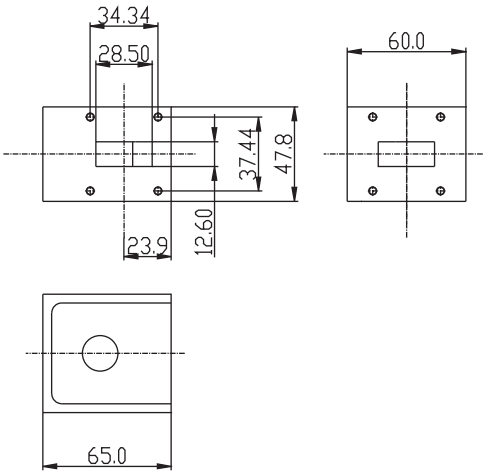
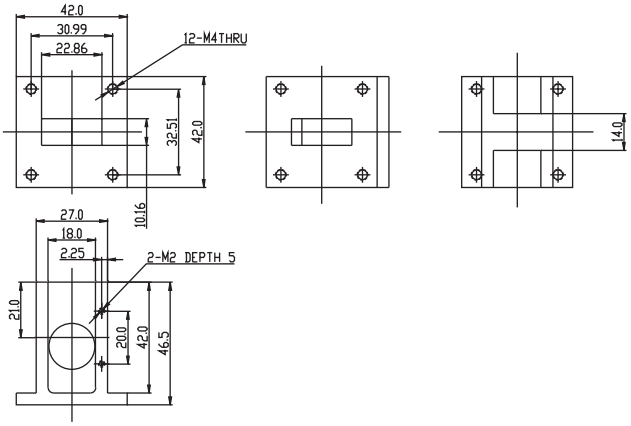
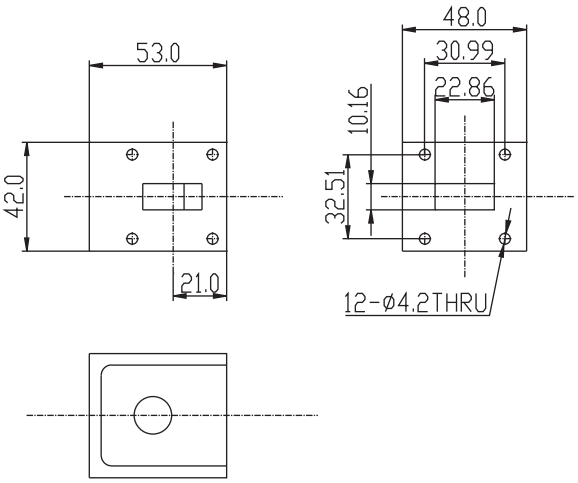


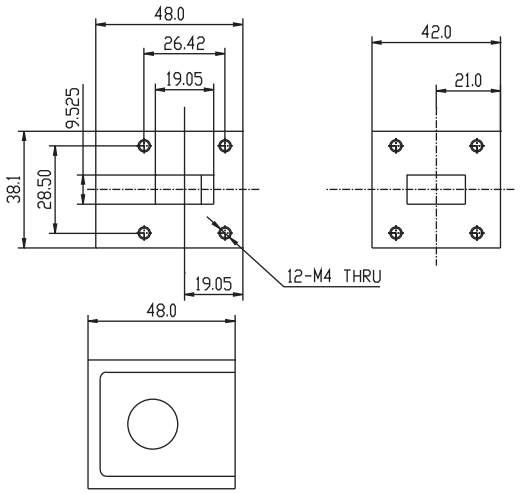
CW01-WAVEGUIDE CIRCULATOR



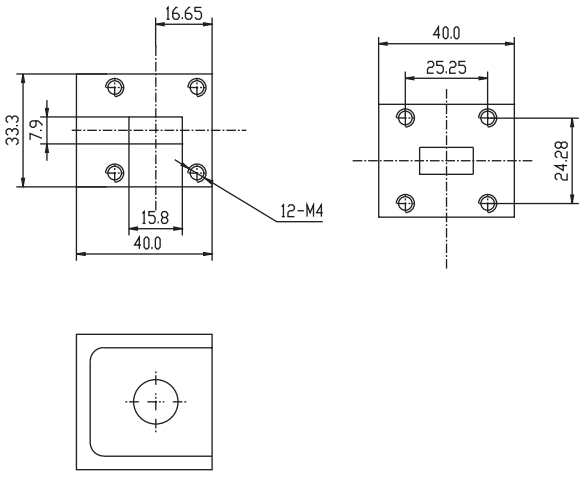
CW02-WAVEGUIDE CIRCULATOR



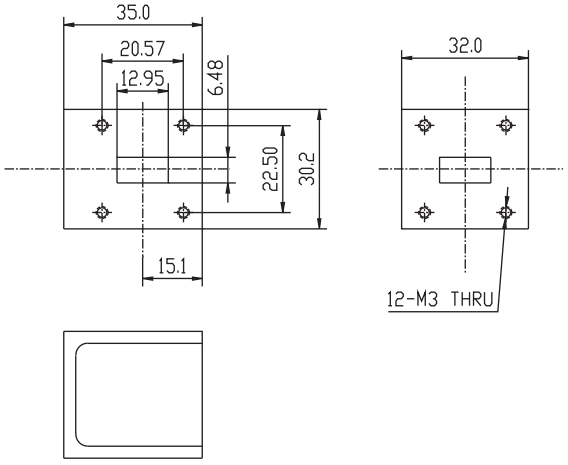
CW03-WAVEGUIDE CIRCULATOR



CW04-WAVEGUIDE CIRCULATOR



CW05-WAVEGUIDE CIRCULATOR



CW06-WAVEGUIDE CIRCULATOR

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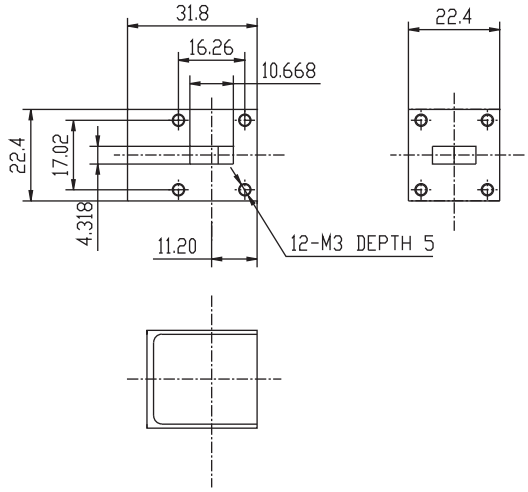
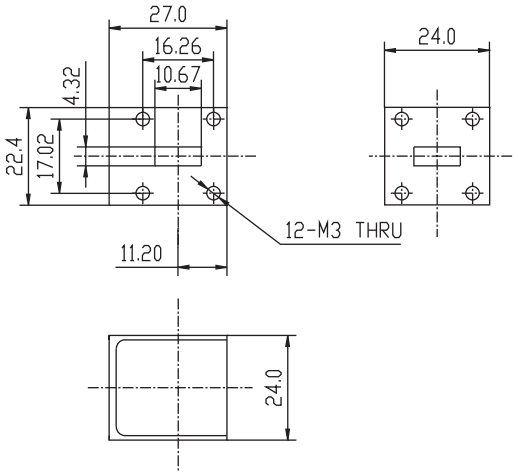
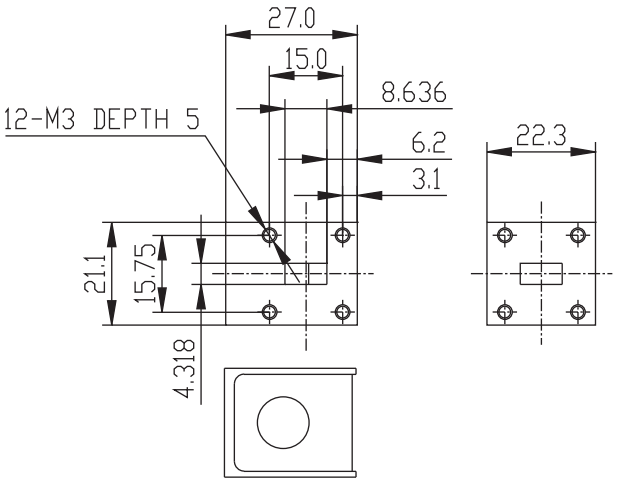


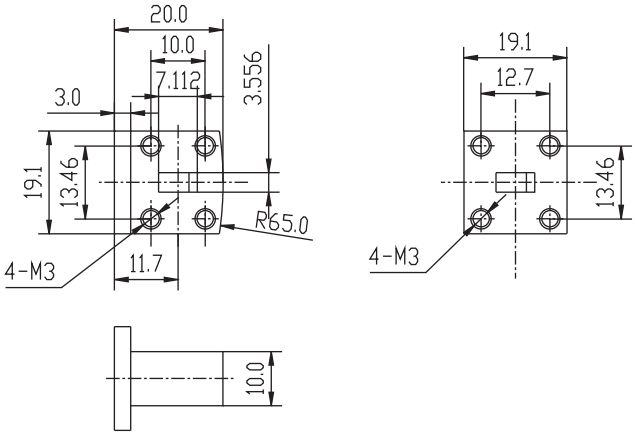
CW07-WAVEGUIDE CIRCULATOR



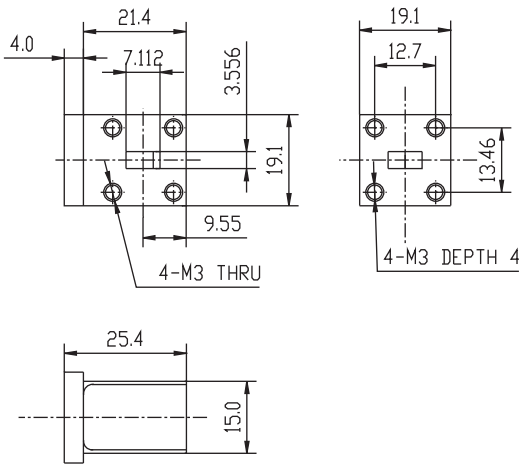
CW08-WAVEGUIDE CIRCULATOR



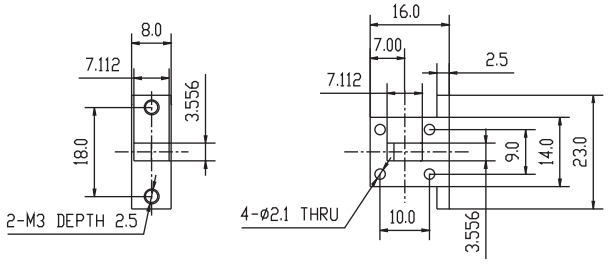
CW09-WAVEGUIDE CIRCULATOR



CW10-WAVEGUIDE CIRCULATOR



CW11-WAVEGUIDE CIRCULATOR



CW12-WAVEGUIDE CIRCULATOR

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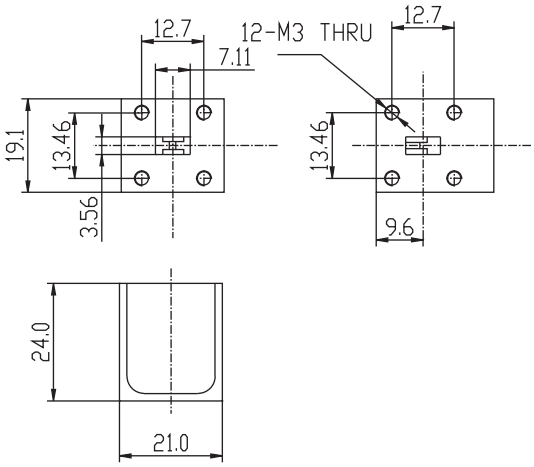
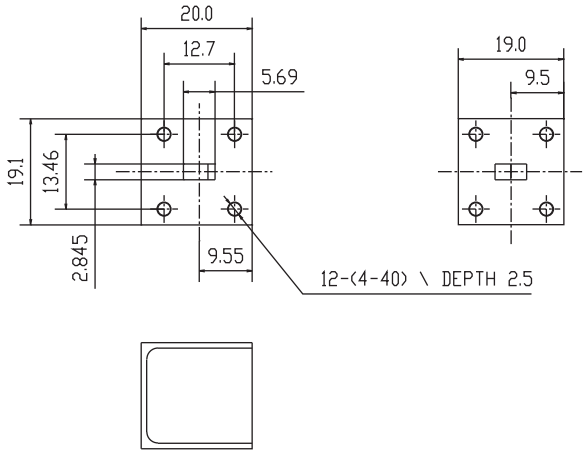
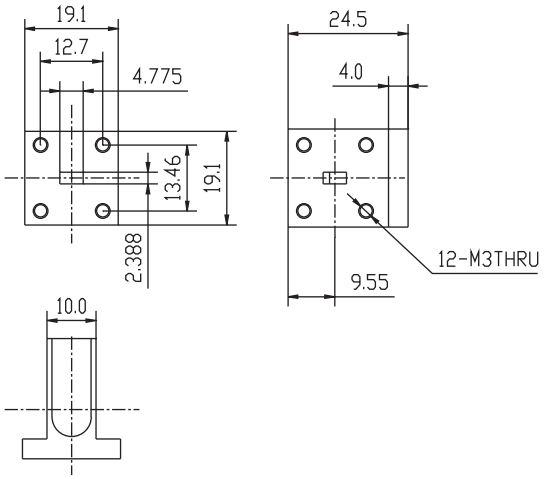


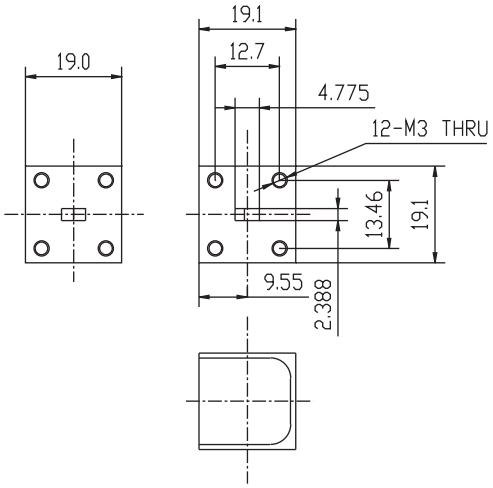
CW13-WAVEGUIDE CIRCULATOR



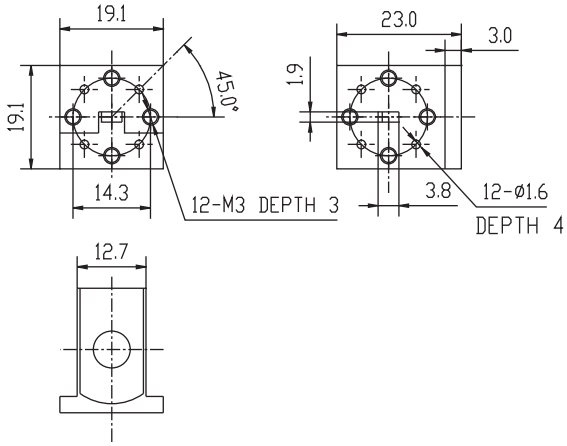
CW14-WAVEGUIDE CIRCULATOR



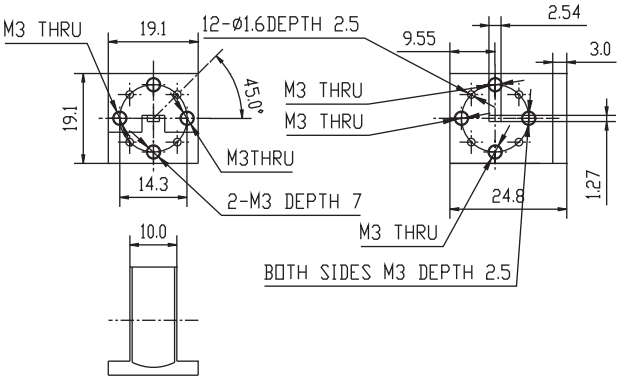
CW15-WAVEGUIDE CIRCULATOR



CW16-WAVEGUIDE CIRCULATOR



CW17-WAVEGUIDE CIRCULATOR



CW18-WAVEGUIDE CIRCULATOR

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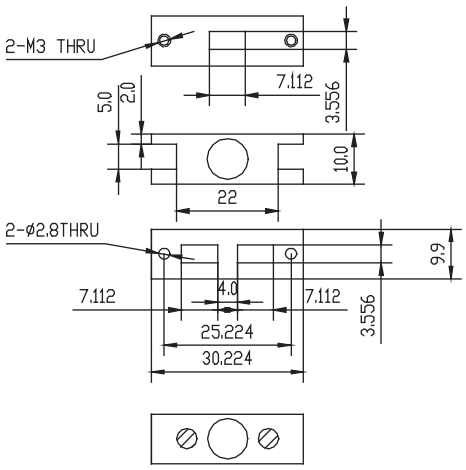
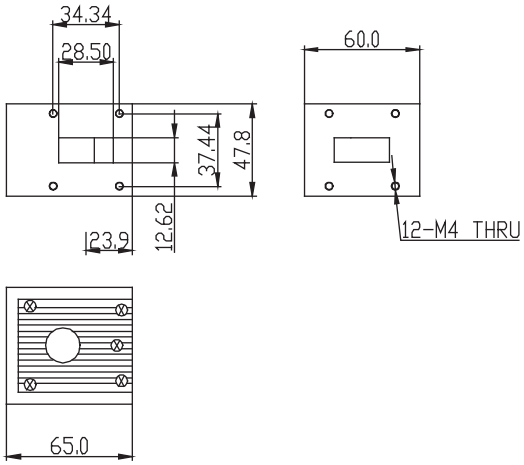
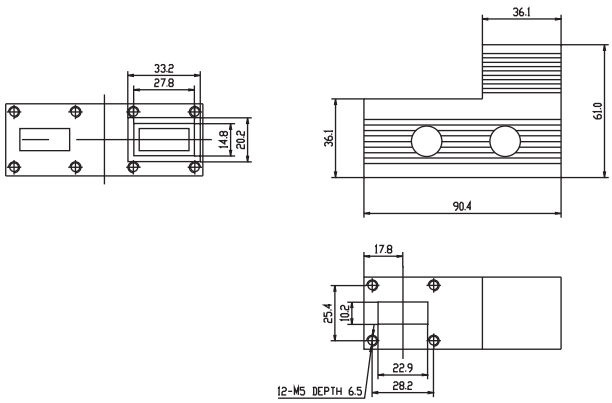


CW19-WAVEGUIDE CIRCULATOR



CW20-WAVEGUIDE CIRCULATOR



CW21-WAVEGUIDE CIRCULATOR

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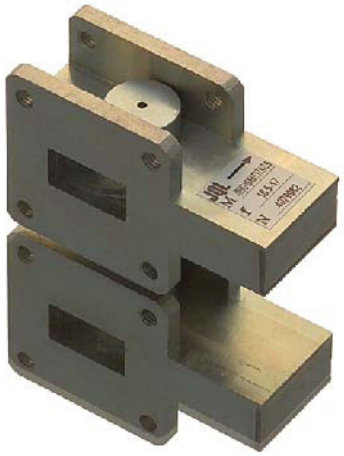

WAVEGUIDE ISOLATOR

FREQUENCY (GHz)		MODEL	BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	POWER	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	UP TO (MHz)	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	(mm)	CODE
WR 187										
4.400	5.000	JIWR187-112-TBD	300	28	0.30	1.08	0~+55	40/10	112*71*45	IW01
4.800	5.000	JIWR187-112-4800T5000	FULL	28	0.30	1.08	0~+55	40/10	112*71*45	IW01
4.500	4.800	JIWR187-112-4500T4800	FULL	28	0.30	1.08	0~+55	40/10	112*71*45	IW01
WR 112										
7.100	7.750	JIWR112-36-7100T7750	FULL	23	0.30	1.20	-40~+80	25/15	36*75.5*48	IW02
7.125	8.500	JIWR112-36-7125T8500	FULL	20	0.40	1.25	-40~+80	25/15	36*75.5*48	IW02
7.700	8.400	JIWR112-36-7700T8400	FULL	23	0.30	1.20	-40~+80	25/15	36*75.5*48	IW02
7.250	8.400	JIWR112-62C-7250T8400-HP	FULL	20	0.40	1.25	-20~+70	250/25	75*84*62.2	IW22
WR 90										
8.000	12.400	JIWR90-28-TBD	300	30	0.20	1.15	-40~+80	25/15	28*56*42	IW03
			1000	23	0.30	1.20				
8.500	9.600	JIWR90-28-8500T9600	FULL	23	0.30	1.20	-40~+80	25/15	28*56*42	IW03
9.000	10.000	JIWR90-28-9000T10K0	FULL	23	0.30	1.20	-40~+80	25/15	28*56*42	IW03
9.000	12.400	JIWR90-12D7-TBD	300	25	0.40	1.20	-40~+80	10/5	12.7*48.5*42	IW07
			1000	20	0.50	1.25				
9.000	10.000	JIWR90-12D7-9000T10K0	FULL	20	0.40	1.25	-40~+80	10/5	12.7*48.5*42	IW07
10.000	11.000	JIWR90-70-10K0T11K0	FULL	20	0.40	1.15	-40~+80	15/10	70*42*42	IW04
10.400	11.000	JIWR90-28-10K4T11K0	FULL	23	0.30	1.20	-40~+80	25/15	28*56*42	IW03
10.400	11.000	JIWR90-12D7-10K4T11K0	FULL	23	0.30	1.20	-40~+80	10/5	12.7*48.5*42	IW07
WR 75										
10.000	16.000	JIWR75-25-TBD	500	30	0.20	1.15	-40~+80	10/5	25*52*38	IW05
			1000	25	0.25	1.15				
10.000	16.000	JIWR75-12D7-TBD	300	25	0.30	1.20	-40~+80	10/2	12.7*43*38	IW08
10.500	11.500	JIWR75-25-10K5T11K5	FULL	25	0.25	1.15	-40~+80	10/5	25*52*38	IW05
11.500	12.600	JIWR75-25-11K5T12K6	FULL	25	0.25	1.15	-40~+80	10/5	25*52*38	IW05
12.750	13.500	JIWR75-25-12K75T13K5	FULL	25	0.25	1.15	-40~+80	10/5	25*52*38	IW05
12.750	13.500	JIWR75-12D7-12K75T13K5	FULL	25	0.30	1.20	-40~+80	10/2	12.7*43*38	IW08
13.000	14.500	JIWR75-25-13K0T14K5	FULL	25	0.25	1.15	-40~+80	10/5	25*52*38	IW05
WR 62										
12.400	18.000	JIWR62-21-TBD	500	25	0.30	1.15	-40~+80	5/2	21*52*33.3	IW06
			1000	23	0.20	1.15				
12.400	18.000	JIWR62-12D7-TBD	500	23	0.30	1.20	-40~+80	2/1	12.7*38.3*33.3	IW09
14.000	15.300	JIWR62-21-14K0T15K3	FULL	22	0.35	1.20	-40~+80	5/2	21*52*33.3	IW06
14.200	15.600	JIWR62-21-TBD	500	22	0.35	1.20	-40~+80	5/2	21*52*33.3	IW06
WR 51										
14.500	22.000	JIWR51-15-TBD	1000	25	0.30	1.20	-40~+80	5/2	15*40*33.3	IW10

WAVEGUID E ISOLATOR										
FREQUENCY (GHz)		MODEL	BANDWIDTH	ISOLATION	INS LOSS	VSWR	OPERATING	POWER	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	UP TO (MHz)	(dB) MIN	(dB) MAX	MAX	TEMP(°C)	FWD/REV (W)	(mm)	CODE
WR 42										
17.600	26.700	JIWR42-12D7A-TBD	2000	20	0.50	1.25	-40~+80	2/1	12.7*31 .75*23.6	IW12
17.600	26.700	JIWR42-9D5-TBD	2000	18	0.40	1.30	-40~+80	2/1	9.5*31.75*22.4	IW13
17.700	19.700	JIWR42-12D7A-17K7T19K7	FULL	20	0.40	1.25	-40~+80	2/1	12.7*31 .75*23.6	IW12
18.250	19.500	JIWR42-12D7A-18K25T19K5	FULL	20	0.40	1.25	-40~+80	2/1	12.7*31 .75*23.6	IW12
18.300	20.200	JIWR42-12D7A-18K3T20K2	FULL	20	0.40	1.25	-40~+80	2/1	12.7*31 .75*23.6	IW12
18.500	26.500	JIWR42-12D7-TBD	500	28	0.30	1.15	-40~+80	2/1	12.7*32 *22.4	IW11
			1000	23	0.40	1.20				
19.300	20.300	JIWR42-12D7A-19K3T20K3	FULL	20	0.40	1.25	-40~+80	2/1	12.7*31 .75*23.6	IW12
21.200	23.600	JIWR42-12D7A-21K2T23K6	FULL	20	0.40	1.25	-40~+80	2/1	12.7*31 .75*23.6	IW12
				WR 34						
21.700	33.000	JIWR34-12D7-TBD	1000	23	0.30	1.20	-40~+80	2/1	12.7*32 *21.1	IW14
26.200	26.700	JIWR34-12D7-26K2T26K7	FULL	23	0.30	1.20	-40~+80	2/1	12.7*32 *21.1	IW14
30.000	31.000	JIWR34-12D7-30K0T31K0	FULL	23	0.30	1.20	-40~+80	2/1	12.7*32 *21.1	IW14
WR 28										
26.500	40.000	JIWR28-10-TBD	1000	25	0.30	1.20	-40~+80	5/1	10*28*19.1	IW15
			2000	20	0.40	1.25	-40~+80			
26.500	40.000	JIWR28-5D-TBD	1000	20	0.50	1.20	-40~+80	5/1	5*25.4*19.1	IW17
26.500	40.000	JIWR28-12D7-TBD	3000	20	0.40	1.25	-40~+80	5/1	12.7*31 .75*19.1	IW16
27.000	29.000	JIWR28-12D7-27K0T29K0	FULL	20	0.40	1.25	-40~+80	5/1	12.7*31 .75*19.1	IW16
28.900	29.400	JIWR28-12D7-28K9T29K4	FULL	22	0.30	1.25	-40~+80	5/1	12.7*31 .75*19.1	IW16
29.500	30.000	JIWR28-12D7-29K5T30K0	FULL	22	0.30	1.25	-40~+80	5/1	12.7*31 .75*19.1	IW16
29.500	31.500	JIWR28-12D7-29K5T31K5	FULL	20	0.40	1.25	-40~+80	5/1	12.7*31 .75*19.1	IW16
30.000	31.000	JIWR28-12D7-30K0T31K0	FULL	20	0.40	1.25	-40~+80	5/1	12.7*31 .75*19.1	IW16
31.000	34.000	JIWR28-12D7-31K0T34K0	FULL	20	0.40	1.25	-40~+80	5/1	12.7*31 .75*19.1	IW16
37.000	40.000	JIWR28-12D7-37K0T40K0	FULL	20	0.40	1.25	-40~+80	5/1	12.7*31 .75*19.1	IW16
WR 22										
32.900	50.100	JIWR22-10-TBD	1000	25	0.60	1.20	-40~+80	2/1	10*26*19.1	IW18
			2000	23	0.60	1.25	-40~+80			
43.500	45.500	JIWR22-10-43K5T45K5	FULL	23	0.50	1.25	-40~+80	5/1	10*26*19.1	IW18
WR 18										
39.200	59.600	JIWR18-10-TBD	1000	25	0.60	1.20	-40~+80	0.5/0.5	10*25 .5*19.1	IW19
			2000	23	0.60	1.25	-40~+80			
WR 14										
60.500	91.900	JIWR14-12D-TBD7	500	23	0.60	1.20	-40~+80	0.25/0.25	12.7*23 *19.1	IW20
			1000	20	1.00	1.25	-40~+80			
WR 10										
84.000	100.00 0	JIWR10-10-TBD	1000	25	0.80	1.25	-40~+80	0.25/0.25	10*22*19.1	IW21
			2000	20	1.00	1.30	-40~+80			

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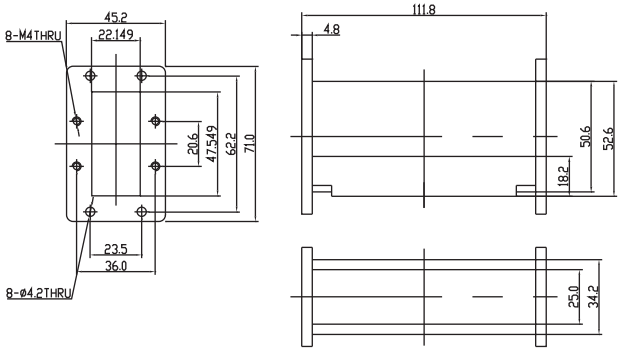
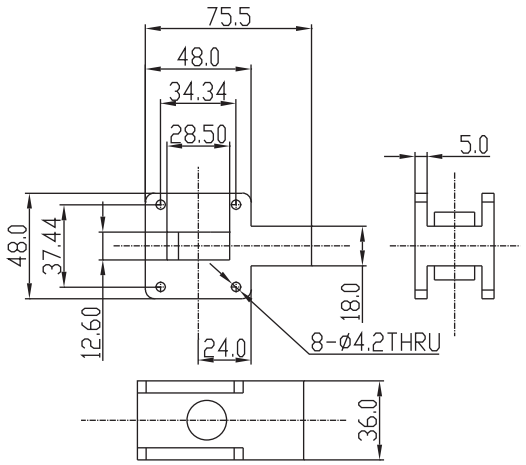


IW01-WAVEGUIDE ISOLATOR



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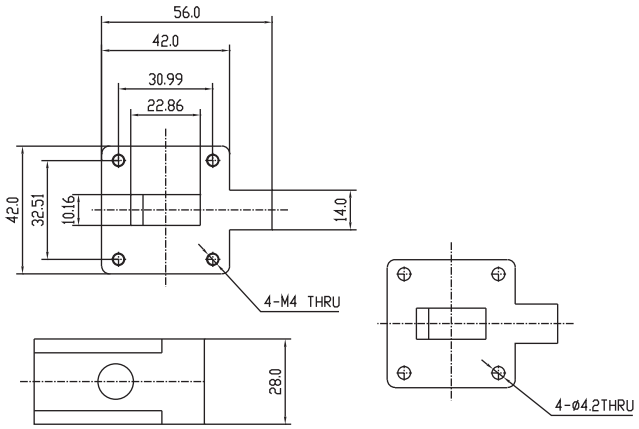

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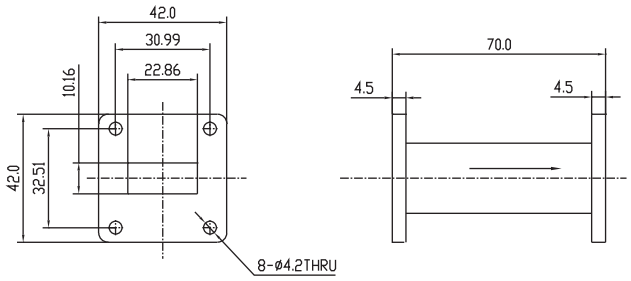
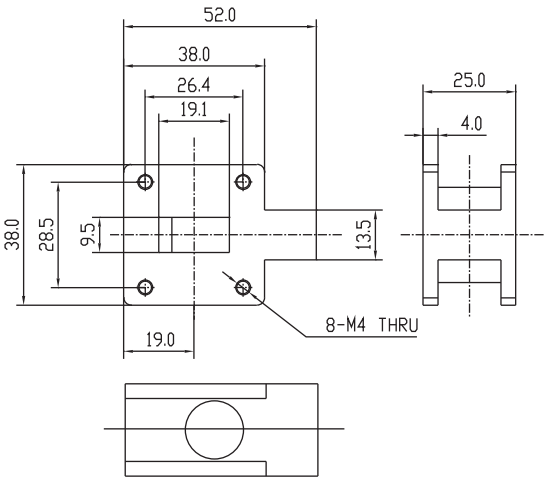


IW04-WAVEGUIDE ISOLATOR



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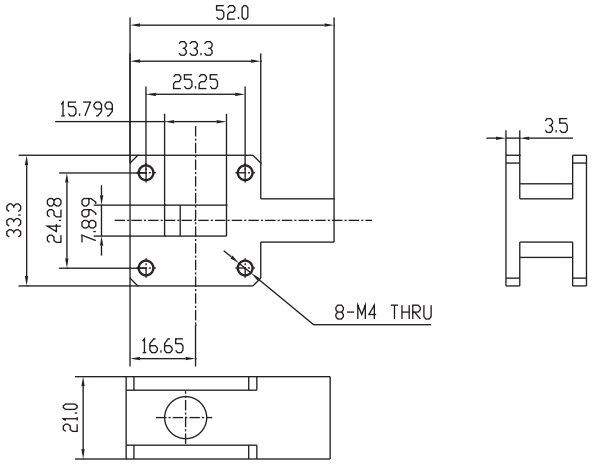

IW06-WAVEGUIDE ISOLATOR

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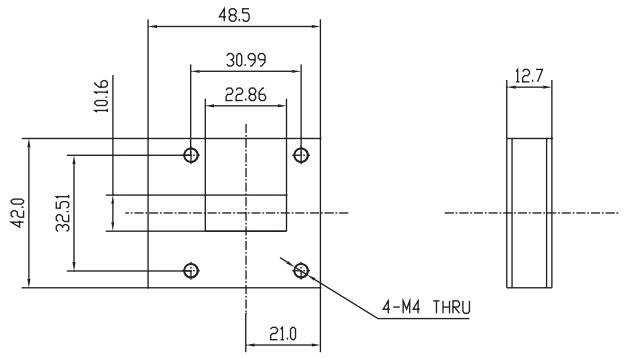

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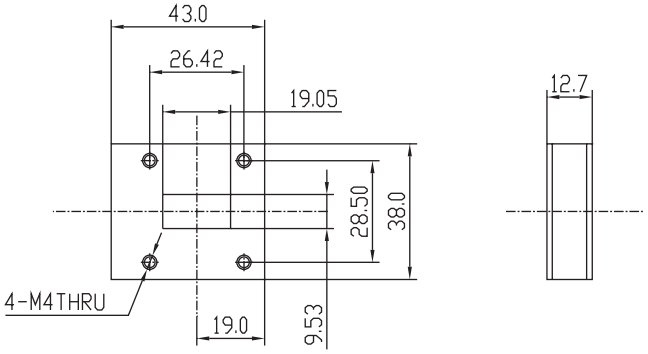
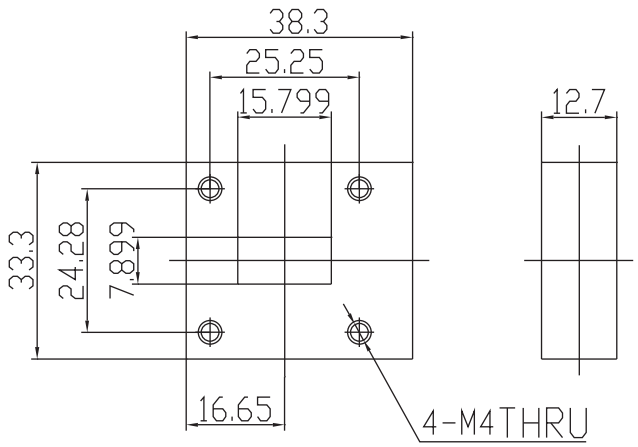
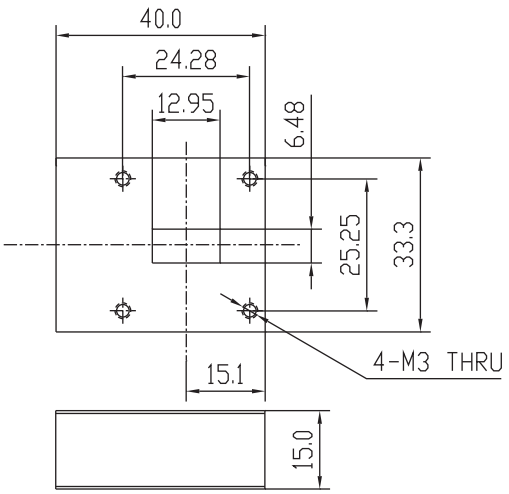


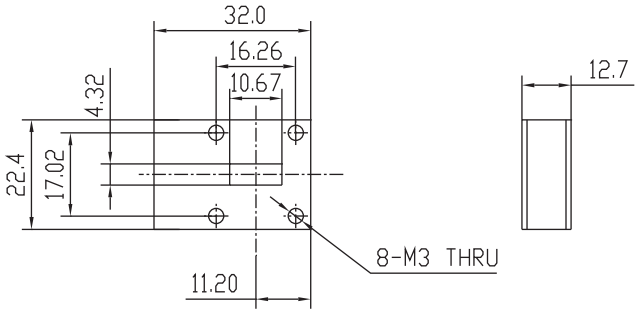
IW08-WAVEGUIDE ISOLATOR



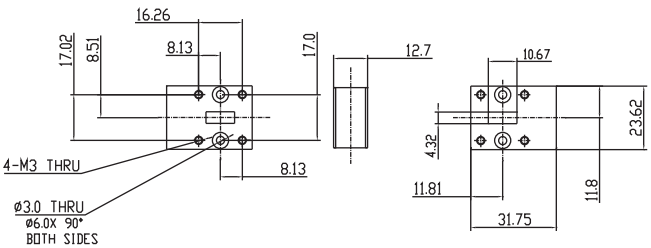
IW09-WAVEGUIDE ISOLATOR



IW10-WAVEGUIDE ISOLATOR



IW11-WAVEGUIDE ISOLATOR



IW12-WAVEGUIDE ISOLATOR

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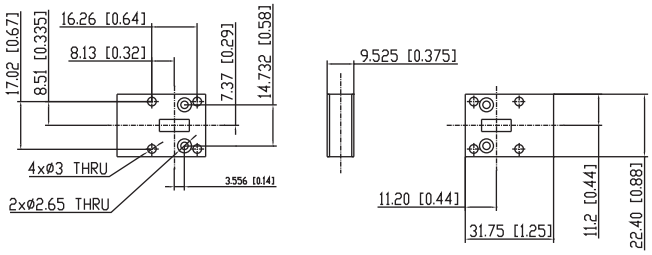
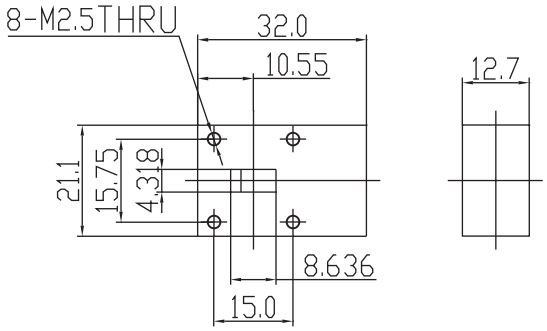
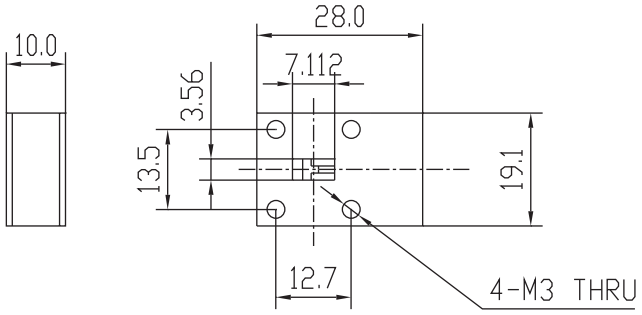


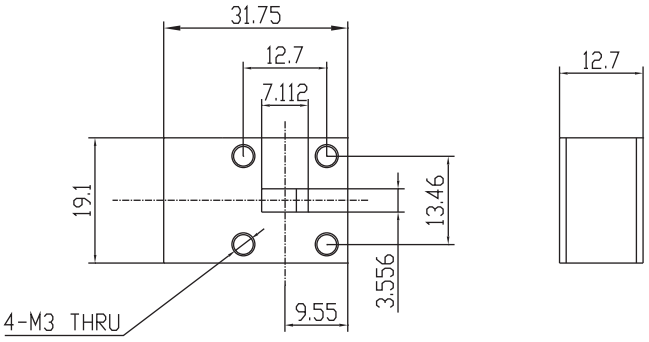
IW13-WAVEGUIDE ISOLATOR



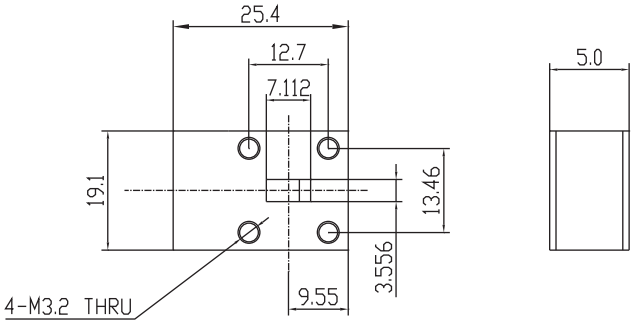
IW14-WAVEGUIDE ISOLATOR



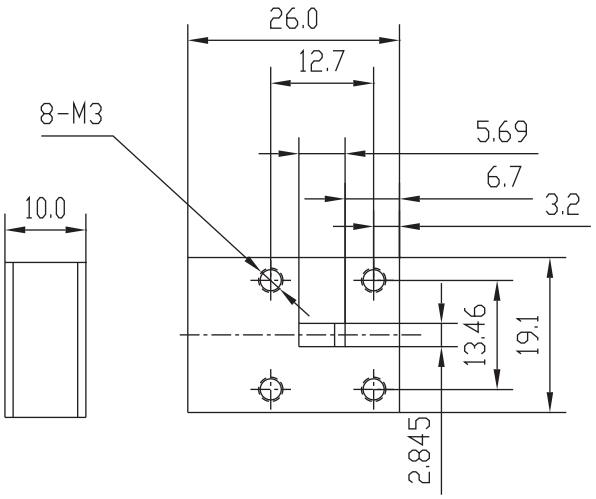
IW15-WAVEGUIDE ISOLATOR



IW16-WAVEGUIDE ISOLATOR



IW17-WAVEGUIDE ISOLATOR



IW18-WAVEGUIDE ISOLATOR

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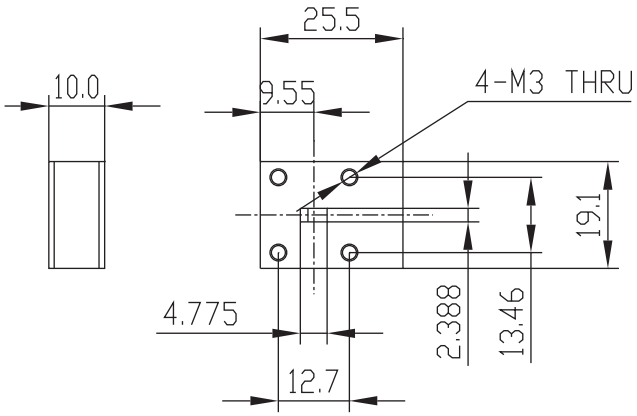
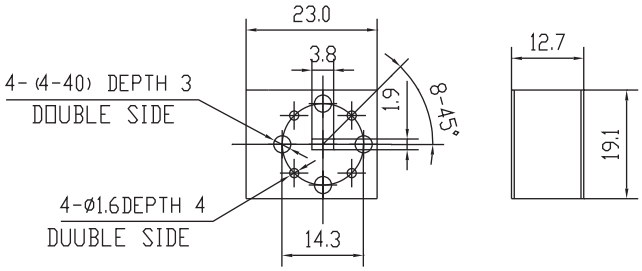
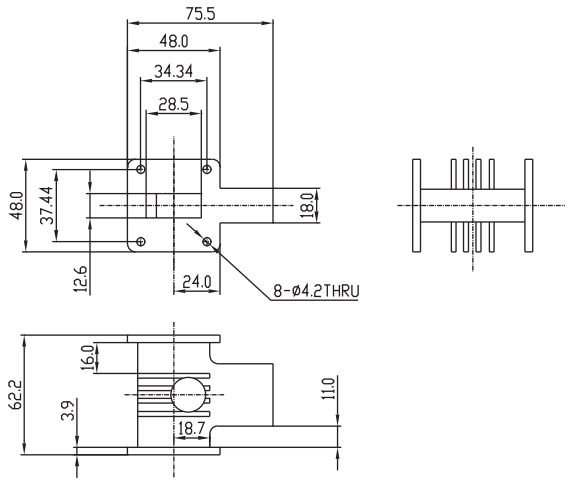


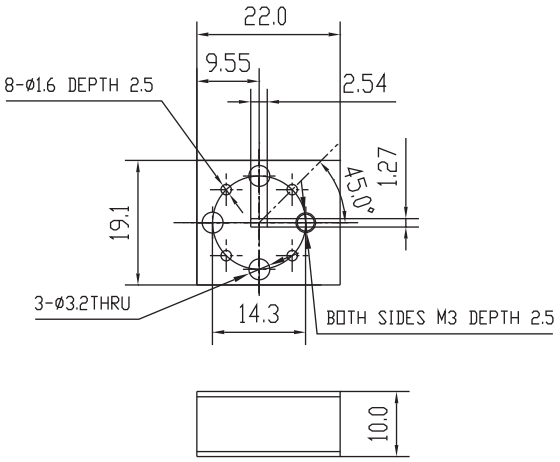
IW19-WAVEGUIDE ISOLATOR



IW20-WAVEGUIDE ISOLATOR



IW21-WAVEGUIDE ISOLATOR



IW22-WAVEGUIDE ISOLATOR

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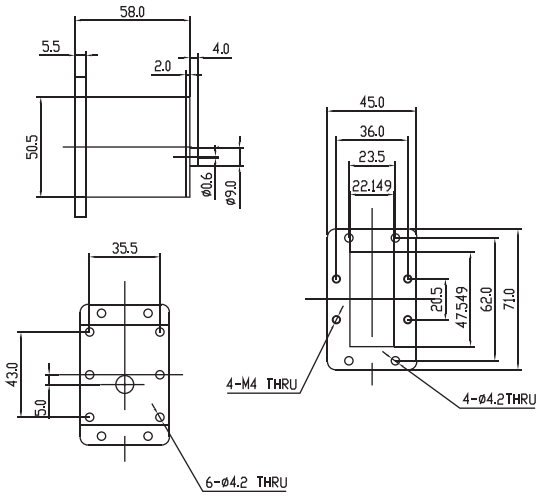
ISO-ADAPTER

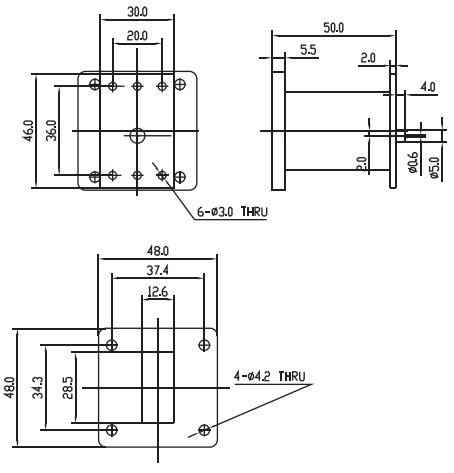
- Broad Selection of Frequency and Bandwidth (4.4Ghz-120Ghz, from 3% to Full Bandwidth)
- Military, Space and Commercial Applications
- High Power Design
- High Isolation, Low Insertion Loss
- Wide Operation Temperature Range
- Custom Design Available Upon Request

ISO-ADAPTER

FREQUENCY (GHz)		MODEL	BANDWIDTH	ISOLATION	INS LOSS	VSWR	SIZE L*W*H	CONNECTOR	WAVEGUIDE	PACKAGE
F1	F2	NUMBER	UP TO (MHz)	(dB) MIN	(dB) MAX	MAX	(mm)	TYPE	TYPE	CODE
4.400	5.000	JISO187-C58	500	25	0.30	1.20	58*45*71	SMA	WR187	ISO-01
4.400	5.000	JISO187-88RC9	100	30	0.30	1.10	88.9*60.7*70.8	REMOVABLE SMA	WR187	ISO-09
			500	25	0.30	1.15				
7.200	8.500	JISO112-C50	300	25	0.30	1.15	50*48*48	SMA	WR112	ISO-02
8.800	9.700	JISO90-C36	900	25	0.30	1.20	36*42*42	SMA	WR90	ISO-03
8.000	9.700	JISO90-C40	900	25	0.30	1.20	40*42*42	SMA	WR90	ISO-04
10.700	12.800	JISO75-C30D2	FULL	22	0.40	1.20	30.2*38*38	SMA	WR75	ISO-05
12.700	14.500	JISO75-C36	800	25	0.30	1.20	36*38*38	SMA	WR75	ISO-06
12.400	18.000	JISO62-C49	100	30	0.30	1.10	49*25*33	SMA	WR62	ISO-07
			500	25	0.30	1.15				
12.400	18.000	JISO62-C26	FULL	25	0.30	1.20	26*37*33	SMA	WR62	ISO-08



ISO-01-ISO-ADAPTER



ISO-02-ISO-ADAPTER

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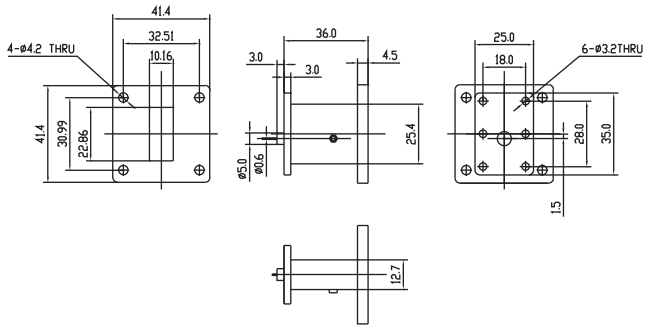
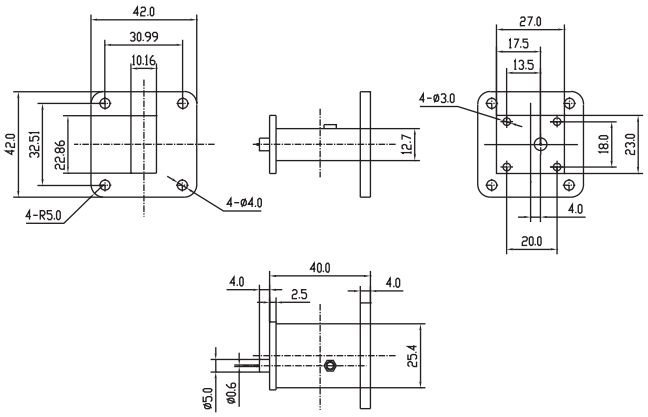
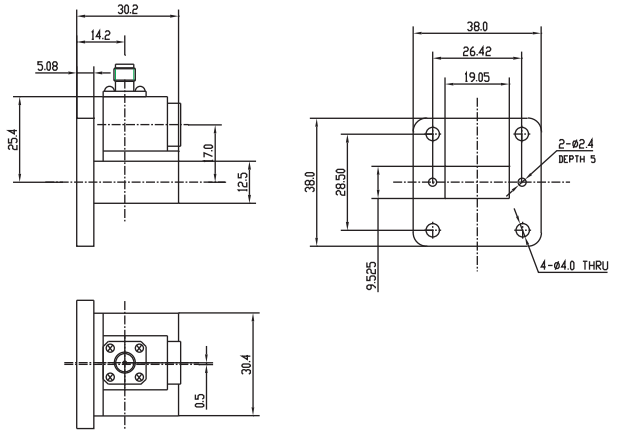


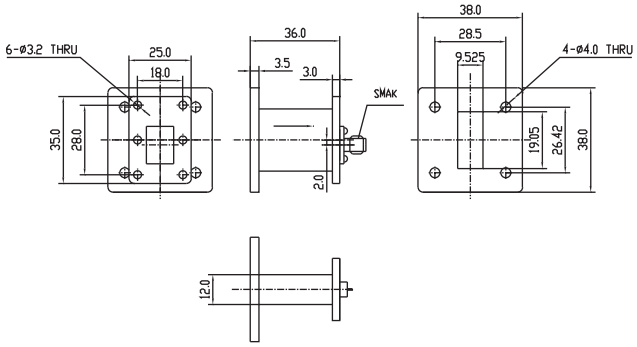
ISO-03-ISO-ADAPTER



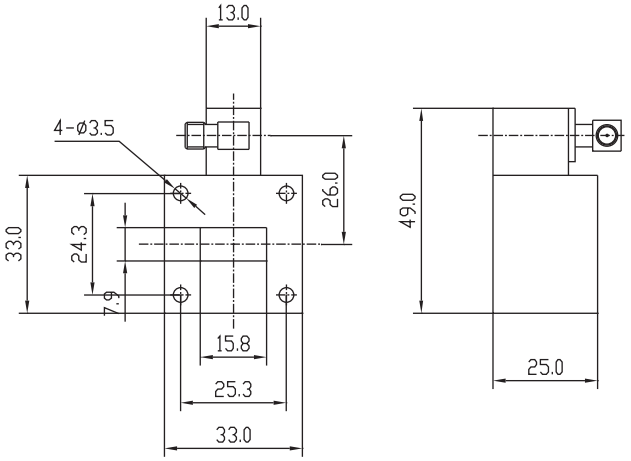
ISO-04-ISO-ADAPTER



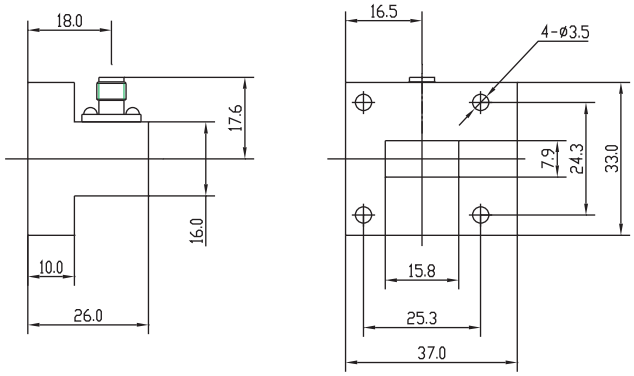
ISO-05-ISO-ADAPTER



ISO-06-ISO-ADAPTER



ISO-07-ISO-ADAPTER



ISO-08-ISO-ADAPTER

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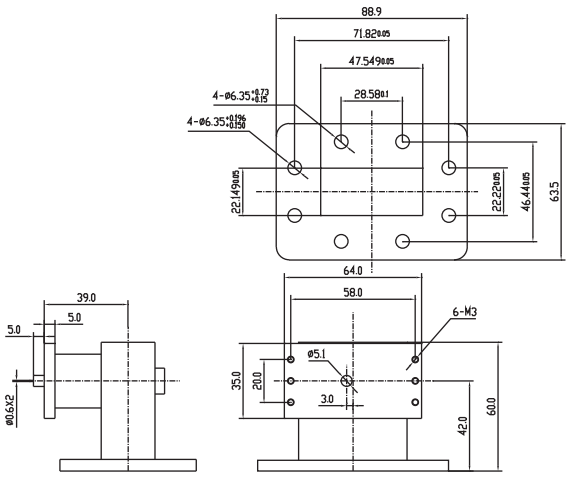


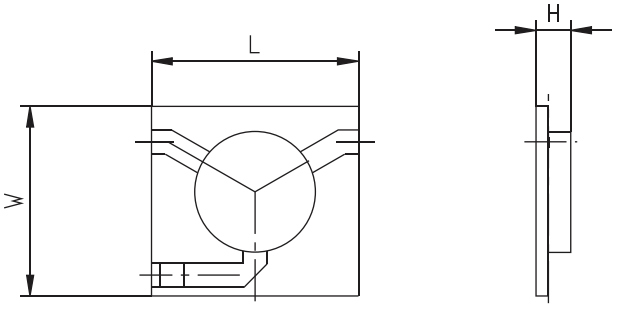
ISO-09-ISO-ADAPTER

MICROSTRIP CIRCULATOR / ISOLATOR

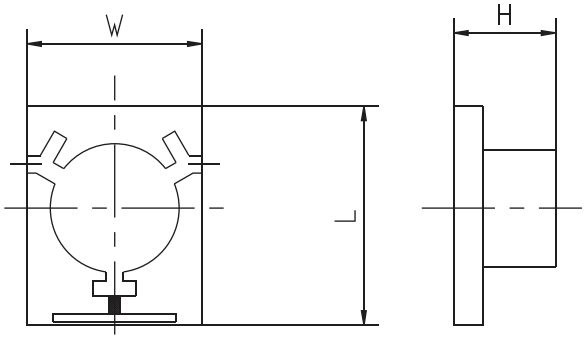
- Available for 5Ghz-12Ghz
- Low profile, compact design
- High Isolation, Low Insertion Loss
- Military, Spaces and Commercial Applications
- Wide Operation Temperature Range
- Custom Design Available Upon Request

MICROS TRIP CIRCULATOR

FREQUENCY (GHz)		MODEL	BANDWIDTH	ISOLATION	INS LOSS	VSWR	POWER	TEMP	SIZE L*W*H	PACKAGE
F1	F2	NUMBER	(MHz)	(dB) MIN	(dB) MAX	MAX	(W)	(°C)	(mm)	CODE
5.150	5.350	JCS5150T5350	FULL	20	0.5	1.25	5	-10~+70	12*11*3	IS01
5.900	7.100	JCS5900T7100	FULL	16	0.6	1.40	5	-10~+70	11.9*10.7*3.8	IS01
8.500	9.500	JCS8500T9500	FULL	20	0.5	1.25	5	-30~+70	8*8*3	IS02
8.800	9.800	JCS8800T9800	FULL	18	0.6	1.30	5	-30~+70	6*7.5*3.7	IS02
9.000	10.000	JCS9000T10K0	FULL	20	0.5	1.20	5	-30~+70	7.5*6*3.5	IS02
10.700	11.700	JCS10K7T11K7	FULL	20	0.5	1.25	5	-30~+70	7*7*3	IS02



IS01-MICROSTRIP CIRCULATOR



IS02-MICROSTRIP CIRCULATOR

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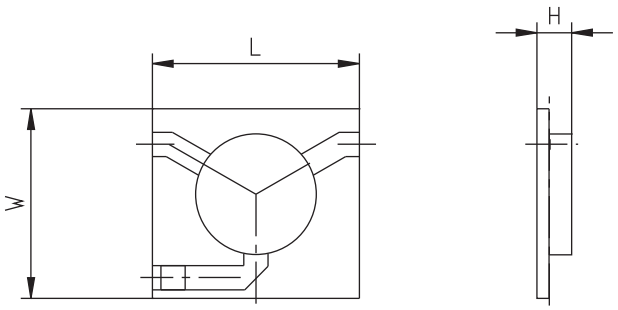
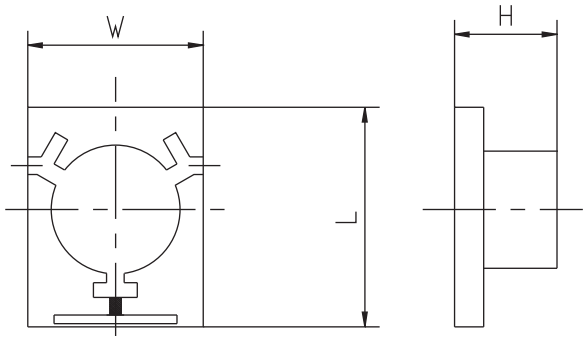
MICROSTRIP CIRCULATOR / ISOLATOR

MICROS TRIP ISOLATOR										
FREQUENCY (GHz)		MODEL	BANDWIDTH	ISOLATION	INS LOSS	VSWR	POWER	TEMP	SIZE L *W*H	PACKAGE
F1	F2	NUMBER	(MHz)	(dB) MIN	(dB) MAX	MAX	FWD/REV (W)	(°C)	(mm)	CODE
5.150	5.350	JIS5150T5350	FULL	20	0.5	1.25	5/5	-10~+70	12*11*3	IS01
5.900	7.100	JIS5900T7100	FULL	16	0.6	1.40	5/5	-10~+70	11.9*10.7*3.8	IS01
8.500	9.500	JIS8500T9500	FULL	20	0.5	1.25	5/5	-30~+70	8*8*3	IS02
8.800	9.800	JIS8800T9800	FULL	18	0.6	1.30	5/5	-30~+70	6*7.5*3.7	IS02
9.000	10.000	JIS9000T10K 0	FULL	20	0.5	1.20	5/5	-30~+70	7.5*6*3.5	IS02
10.700	11.700	JIS10K7T11K7	FULL	20	0.5	1.25	5/5	-30~+70	7*7*3	IS02



IS01-MICROSTRIP ISOLATOR



IS02-MICROSTRIP ISOLATOR

CERAMIC FILTER

- From 0.5Ghz 5o 3Ghz
- Ceramic Technology
- SMA, SMB, CMX Connectors or RF Pins
- Low Insertion Loss
- Good Temperature Stability
- Custom Design Available.
  (See build-your-own filters section below)

CERAMIC FILTER

MODEL NUMBER	CENTER FREQUENCY (MHz)	BANDWIDTH (MHz)	INS LOSS (dB) MAX	RIPPLE IN BW (dB) MAX	REJECTION (dB)	V S W R	OPERATING TEMP(°C)	DDP
JL3R815S20AA	815.00	20	2.8	1.0	36 min @ f_0±80 MHz	2:1	-30～+85	DPP-01
JL3R836S25AA	836.50	25	2.6	1.0	12 min @ f_0±32.5 MHz	2:1	-30～+85	DPP-02
JL3R860S20AA	860.00	20	2.8	1.0	36 min @ f_0±80 MHz	2:1	-30～+85	DPP-03
JL3R881S25AA	881.50	25	2.6	1.0	12 min @ f_0±32.5 MHz	2:1	-30～+85	DPP-04
JL3R897S35AA	897.50	35	3.0	1.0	6 min @ f_0±27.5 MHz	2:1	-30～+85	DPP-05
JL4R897S35AA	897.50	35	4.6	1.0	13 min @ f_0±27.5 MHz	2:1	-30～+85	DPP-06
JL3R902S25AA	902.50	25	2.6	1.0	12 min @ f_0±32.5 MHz	2:1	-30～+85	DPP-07
JL3R942S35AA	942.50	35	3.0	1.0	6 min @ f_0±27.5 MHz	2:1	-30～+85	DPP-08
JL4R942S35AA	942.50	35	4.6	1.0	13 min @ f_0±27.5 MHz	2:1	-30～+85	DPP-09
JL3R947S25AA	947.50	25	2.6	1.0	12 min @ f_0±32.5 MHz	2:1	-30～+85	DPP-10
JL3R1542S34AA	1542.00	34	3.0	1.0	30 min@1626.5 to 1660.5 MHz	2:1	-30～+85	DPP-11
JL2R1575S02AA	1575.00	2	0.9	1.0	16 min @ f_0-140 MHz	2:1	-30～+85	DPP-12
JL3R1643S34AA	1643.50	34	3.0	1.0	30 min @ 1525 to 1559 MHz	2:1	-30～+85	DPP-13
JL3R1747S75AA	1747.50	75	2.0	1.0	8 min @ f_0±80 MHz	2:1	-30～+85	DPP-14
JL4R1747S75AA	1747.50	75	3.6	1.0	10 min @ f_0±57.5 MHz	2:1	-30～+85	DPP-15
JL3R1842S75AA	1842.50	75	2.0	1.0	8 min @ f_0±80 MHz	2:1	-30～+85	DPP-16
JL4R1842S75AA	1842.50	75	3.6	1.0	10 min @ f_0±57.5 MHz	2:1	-30～+85	DPP-17
JL3R1880S60AA	1880.00	60	2.2	1.0	15 min @ f_0±100 MHz	2:1	-30～+85	DPP-18
JL4R1880S60AA	1880.00	60	4.5	1.0	12 min @ f_0±50 MHz	2:1	-30～+85	DPP-19
JL3R1950S60AA	1950.00	60	2.4	1.0	45 min @ 1550 MHz	2:1	-30～+85	DPP-20
JL3R1960S60AA	1960.00	60	2.2	1.0	15 min @ f_0±100 MHz	2:1	-30～+85	DPP-21
JL4R1960S60AA	1960.00	60	4.5	1.0	12 min @ f_0±50 MHz	2:1	-30～+85	DPP-22
JL3R2140S60AA	2140.00	60	1.3	1.0	52 min @ 1325 to1385 MHz	2:1	-30～+85	DPP-23
JL2R2442S84AA	2442.00	84	1.2	1.0	15 min @ f_0±250 MHz	2:1	-30～+85	DPP-24

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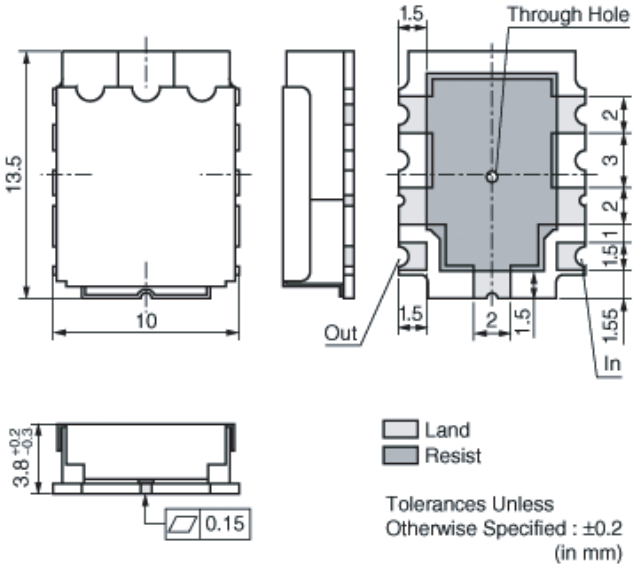
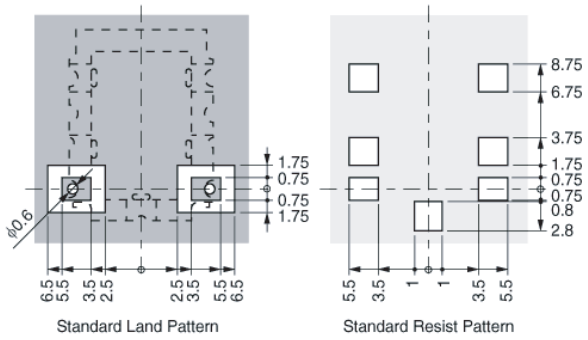
JL3R815S20AA

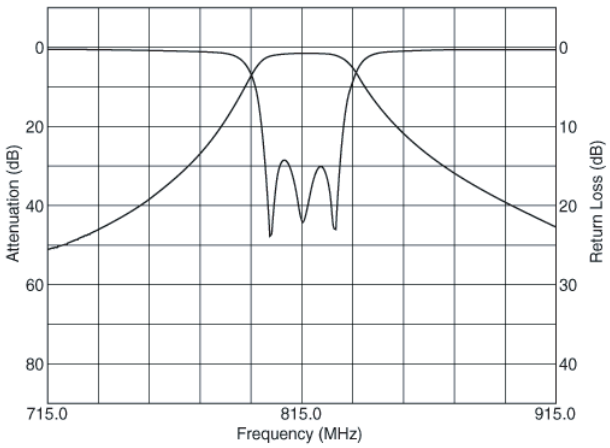
Dimensions

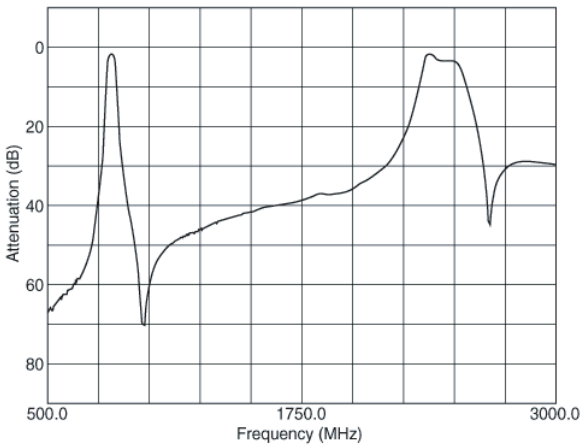


Recommended Pattern



Typical Characteristic





DPP-01

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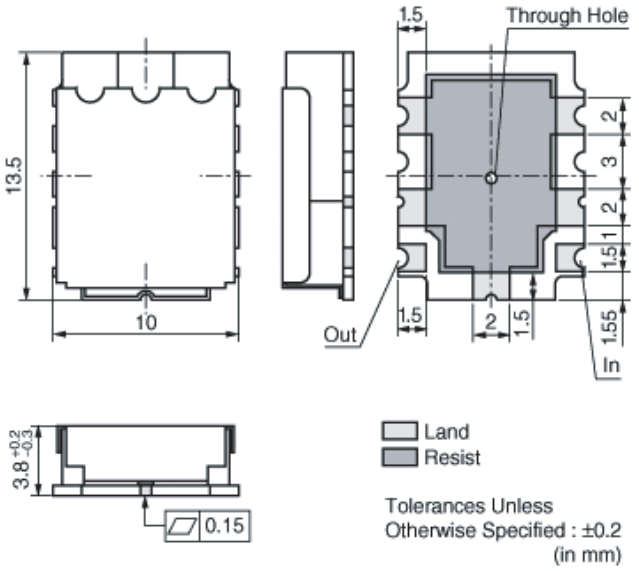
JL3R836S25AA

Dimensions



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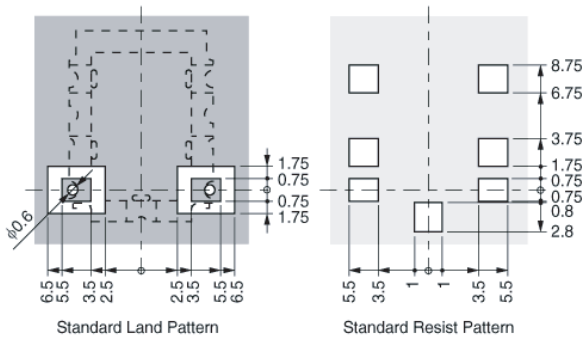
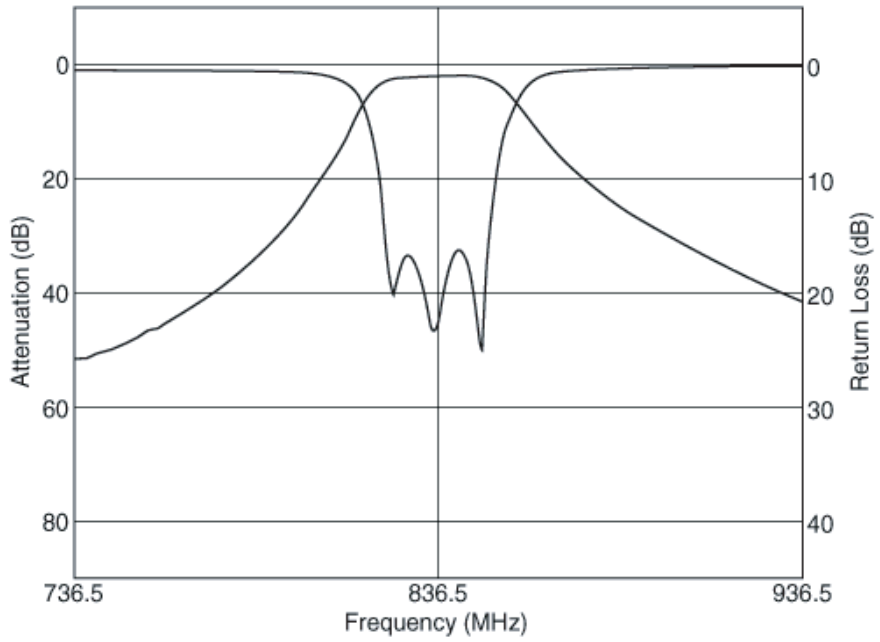


Typical Characteristic



DPP-02

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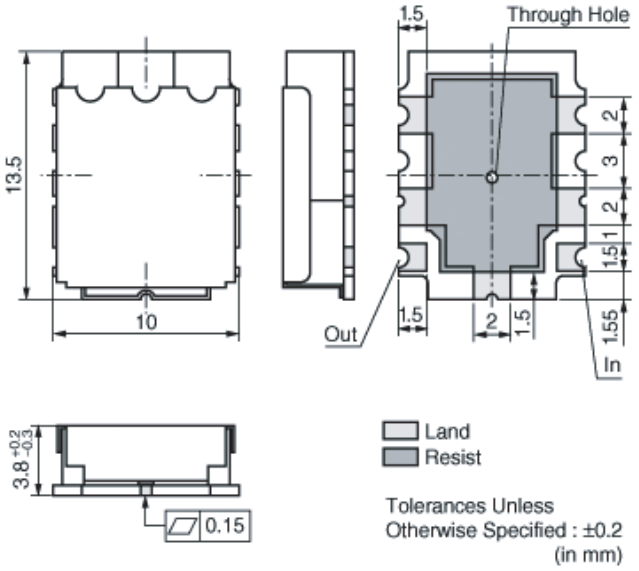
JL3R860S20AA

Dimensions



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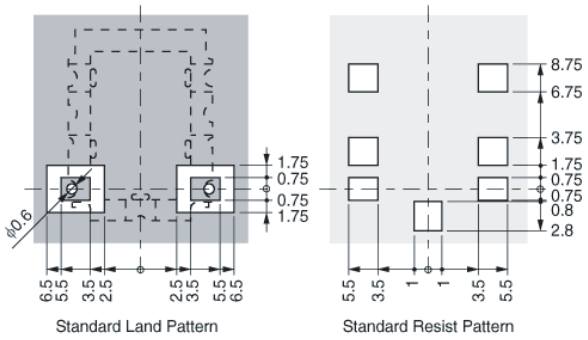
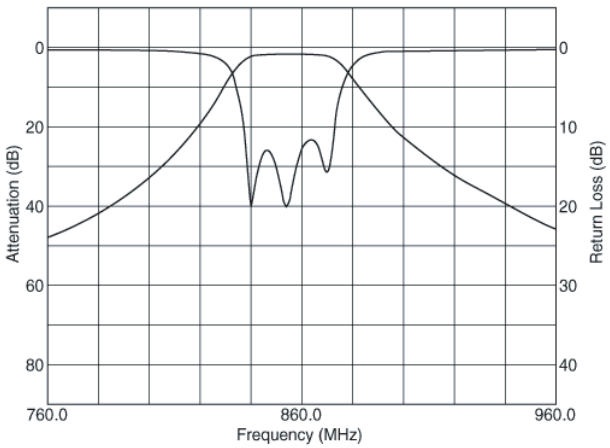
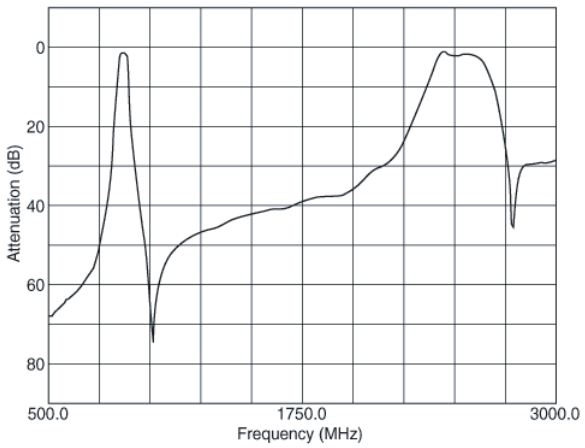


Typical Characteristic





DPP-03

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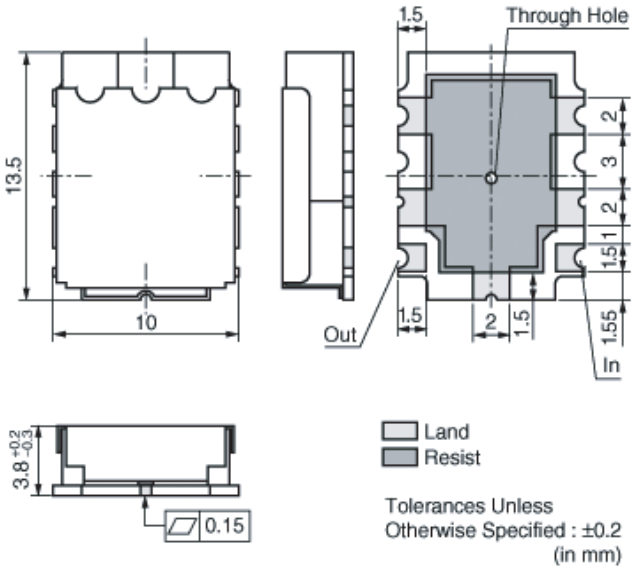
JL3R881S25AA

Dimensions



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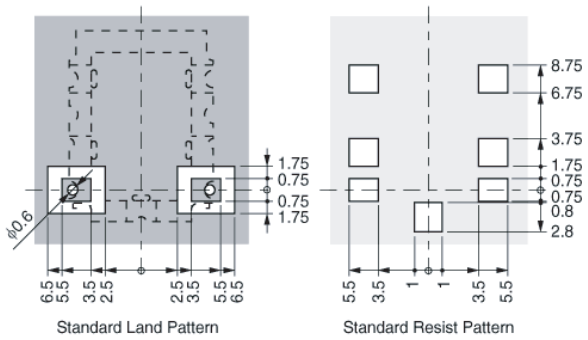

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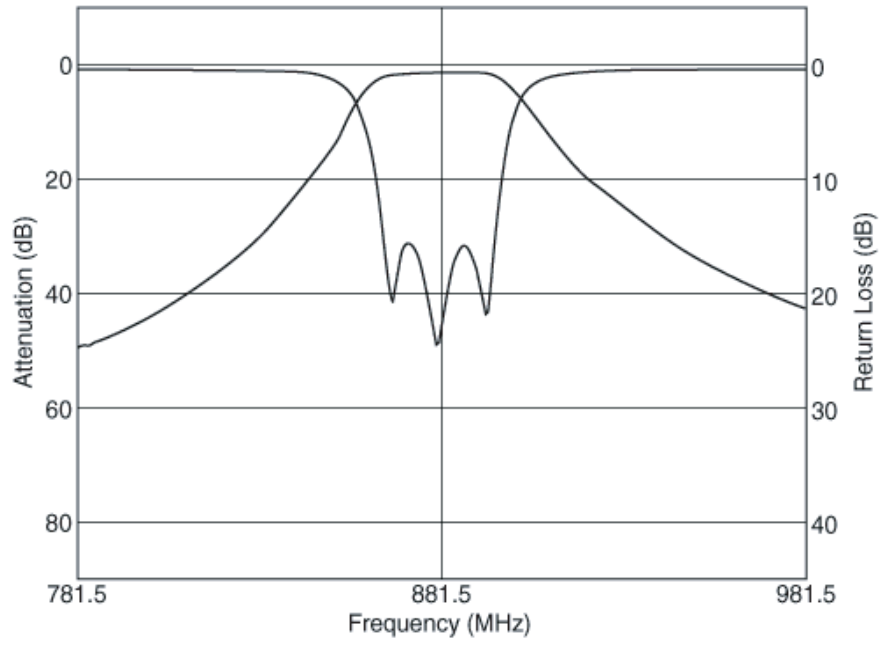

DPP-04

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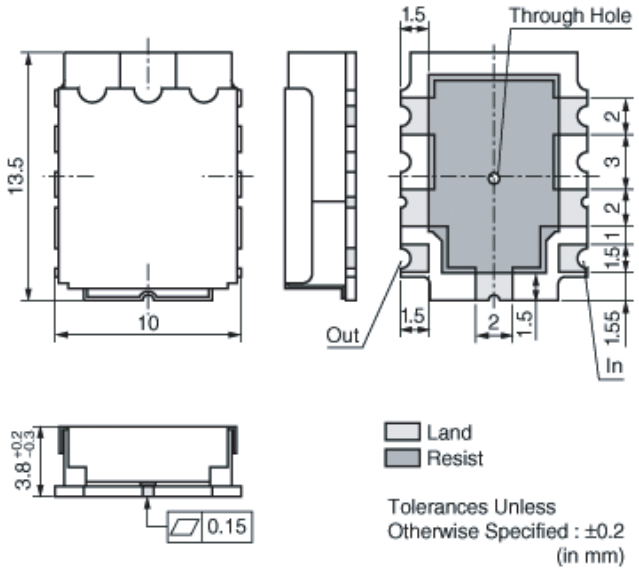
JL3R897S35AA

Dimensions



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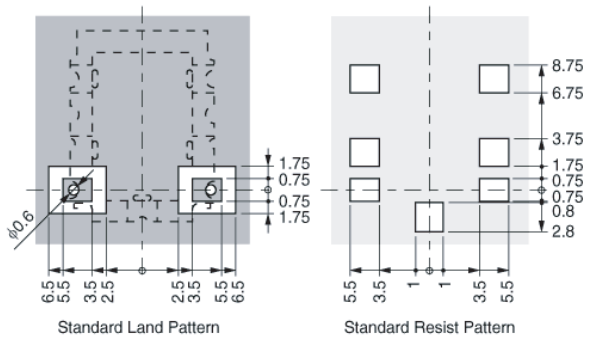
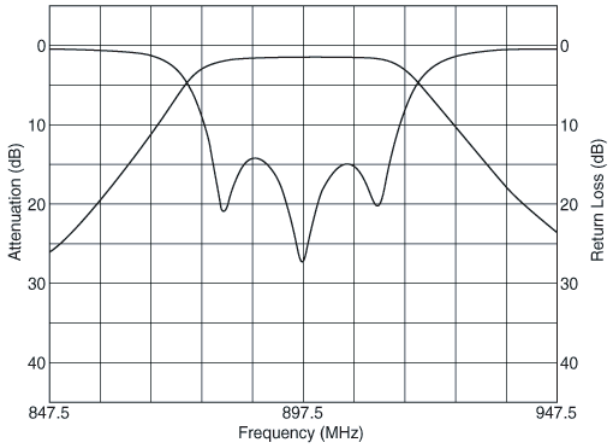
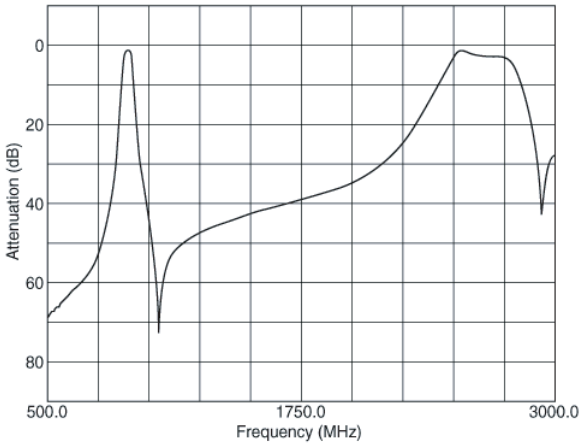


Typical Characteristic





DPP-05

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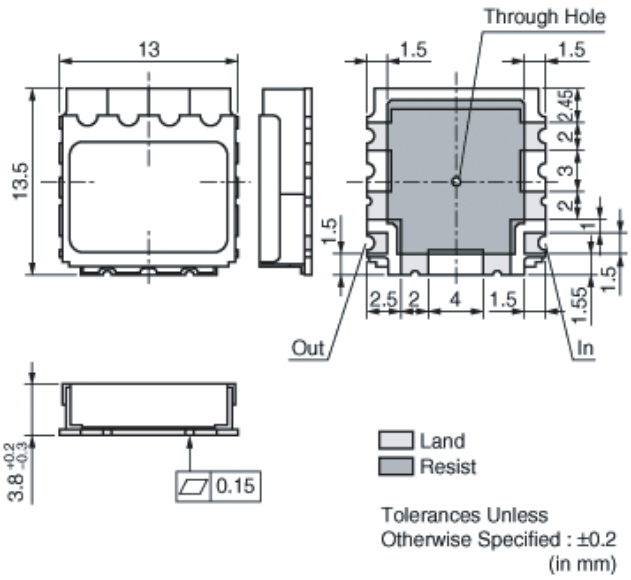
JL4R897S35AA

Dimensions



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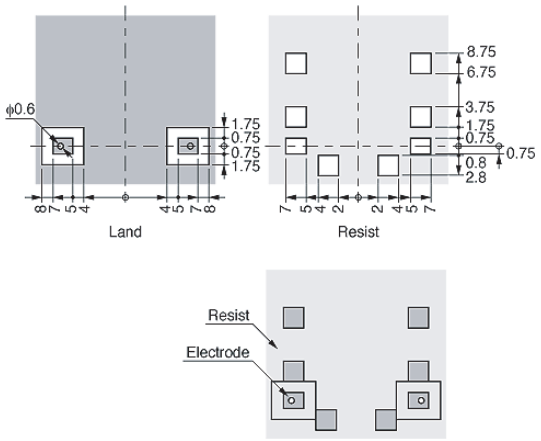

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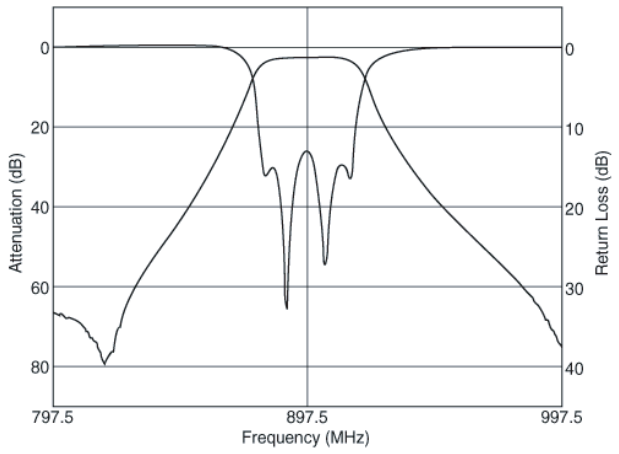

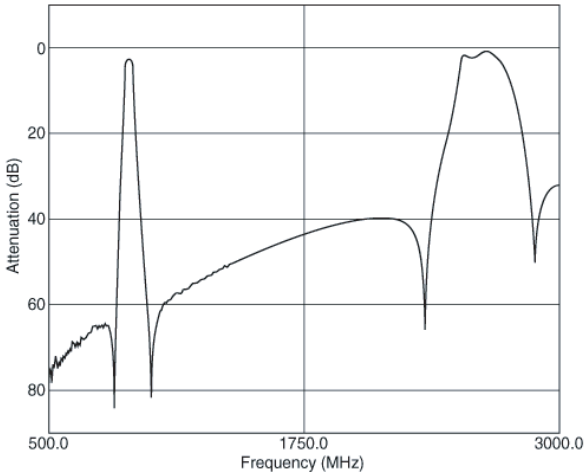

DPP-06

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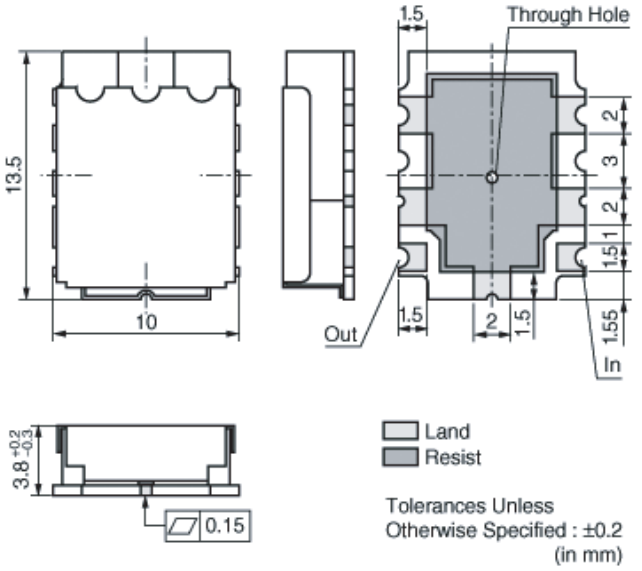
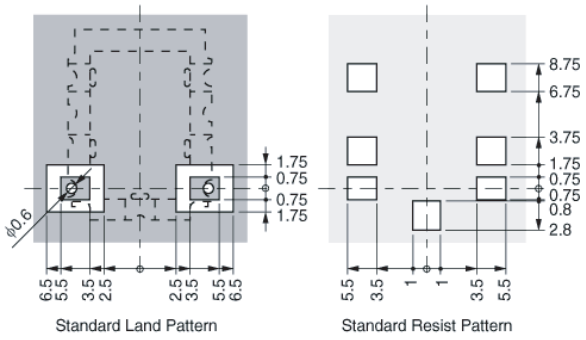
JL3R902S25AA

Dimensions



Recommended Pattern



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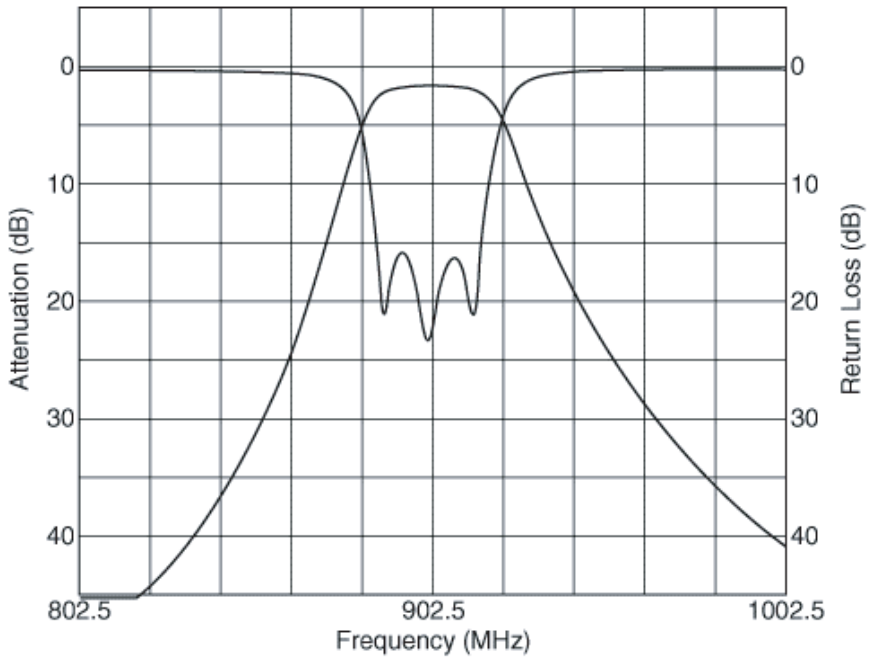

DPP-07

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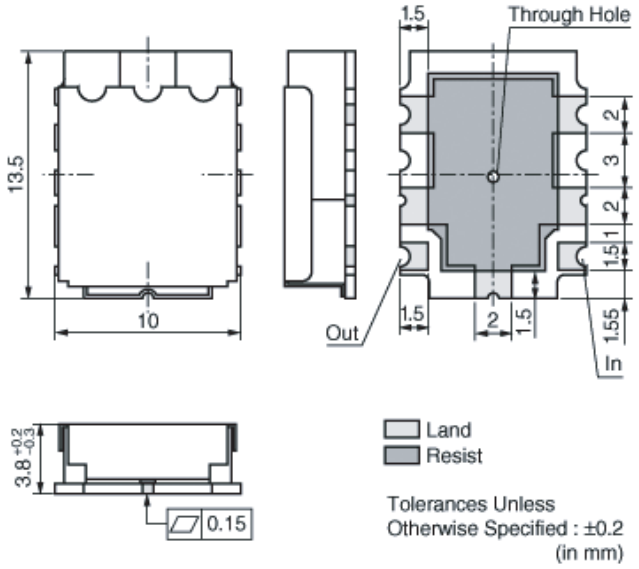
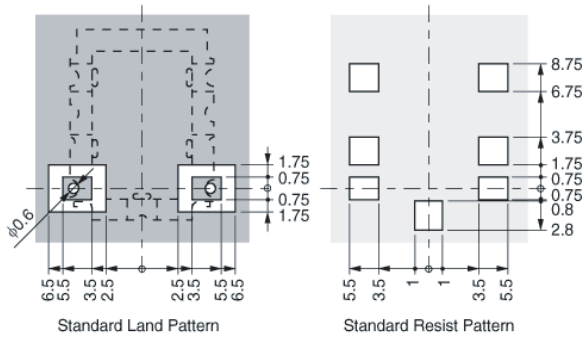
JL3R942S35AA

Dimensions



Recommended Pattern



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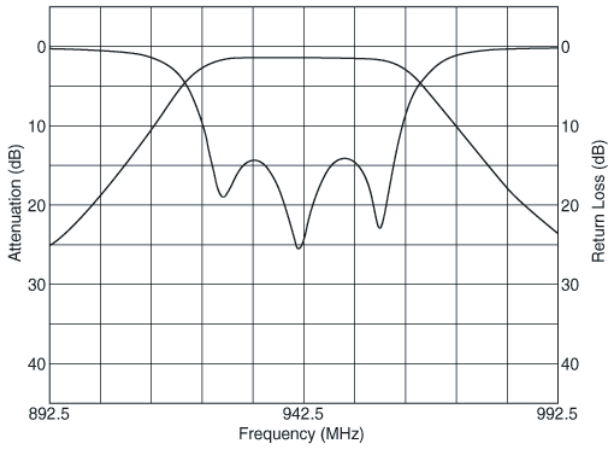

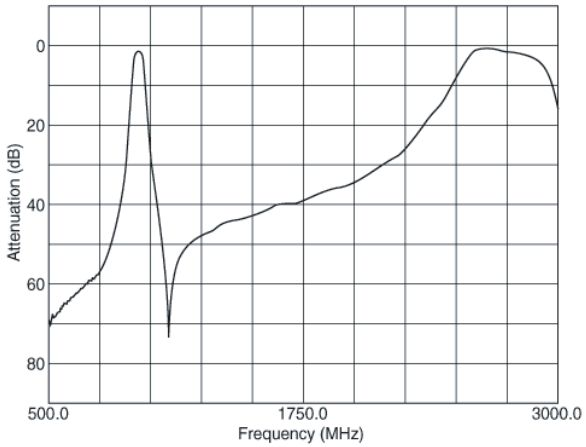

DPP-08

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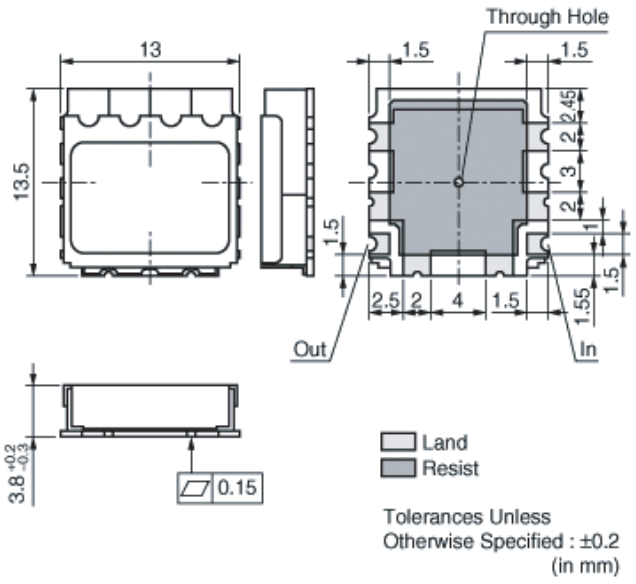
JL4R942S35AA

Dimensions



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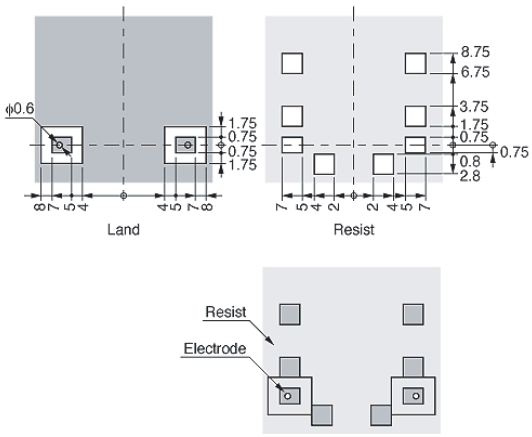

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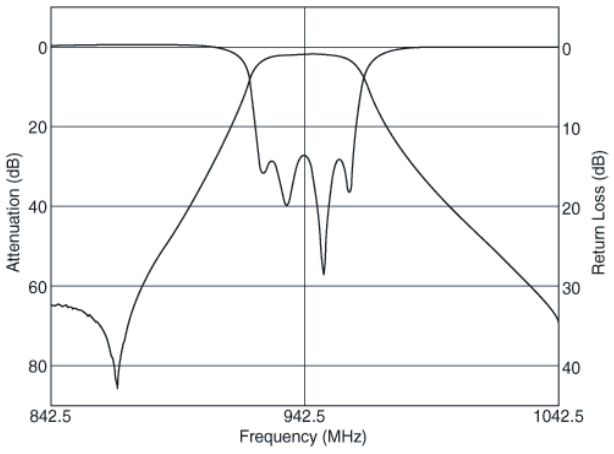

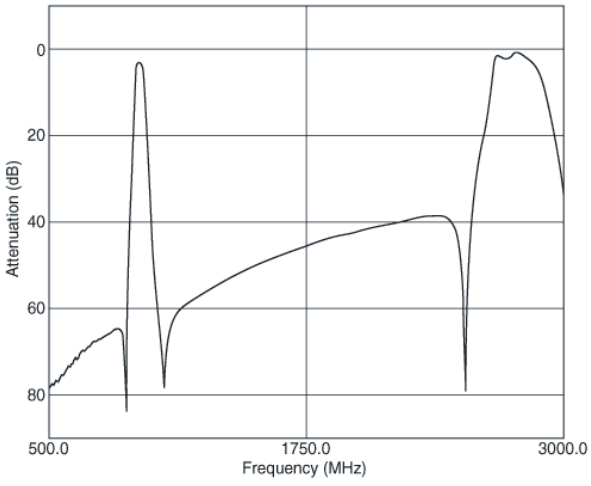

DPP-09

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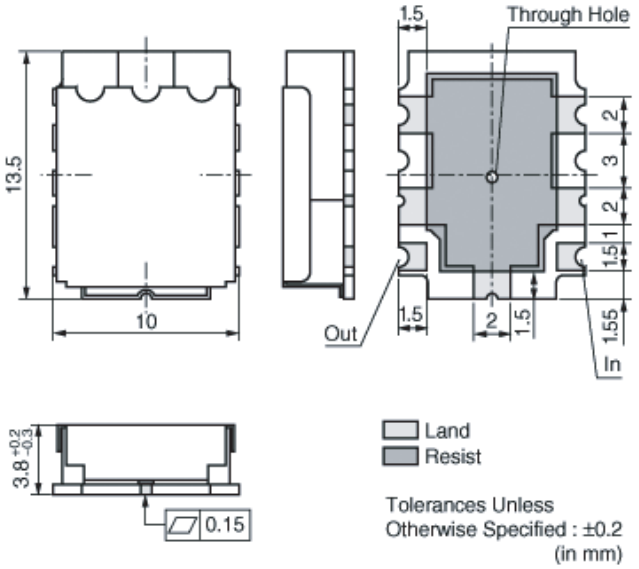
JL3R947S25AA

Dimensions



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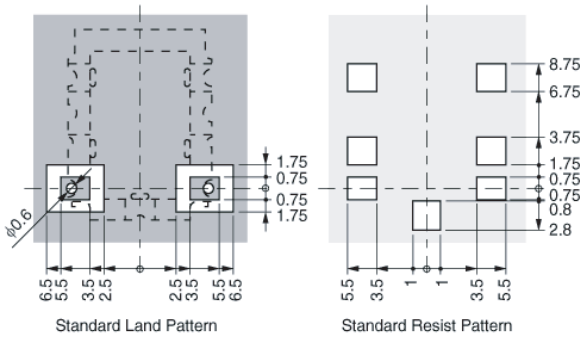

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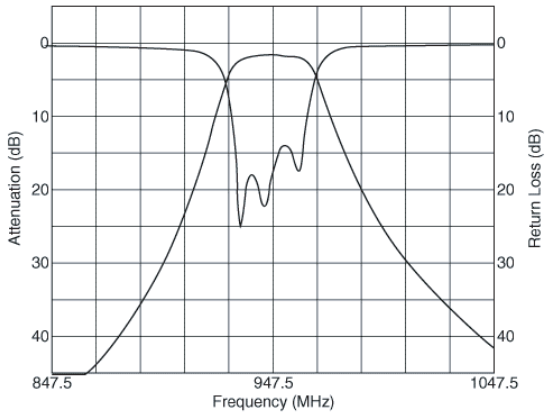

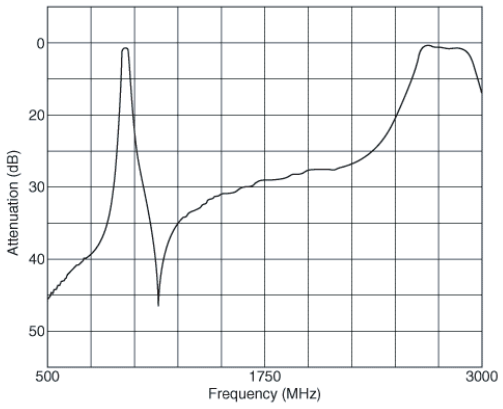

DPP-10

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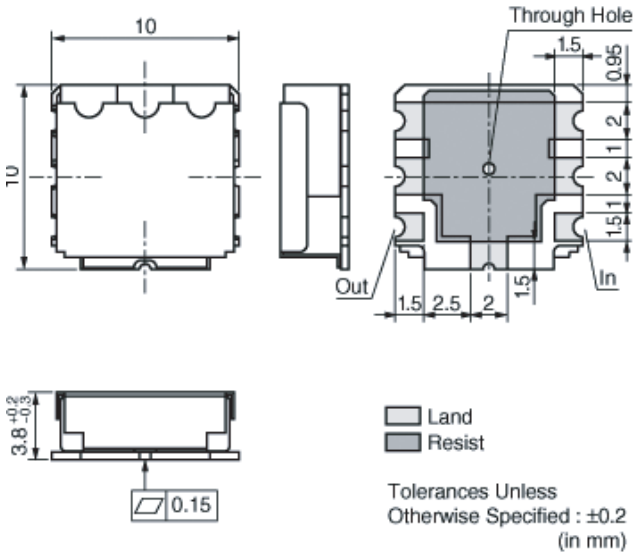
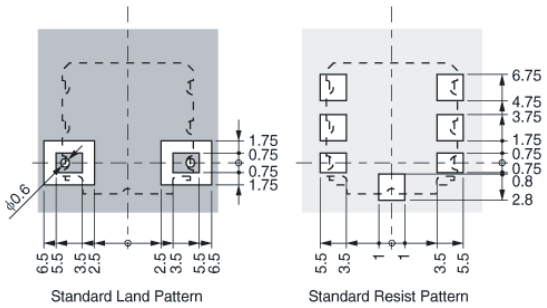
JL3R1542S34AA

Dimensions



Recommended Pattern



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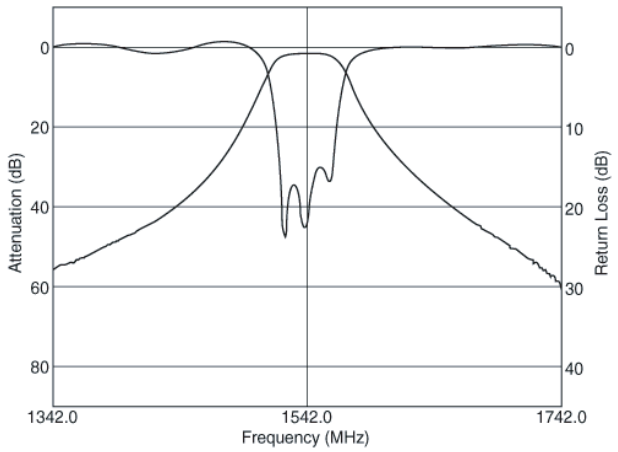

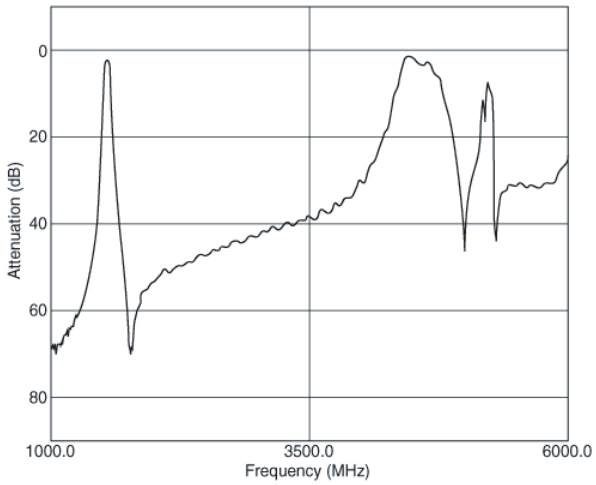

DPP-11

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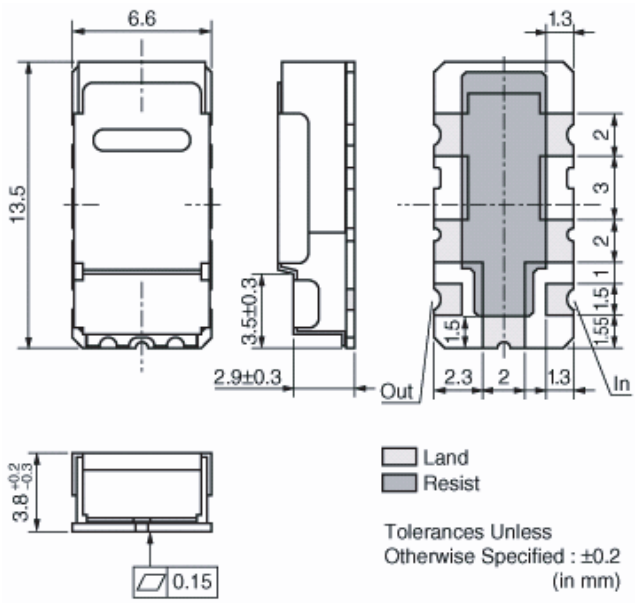
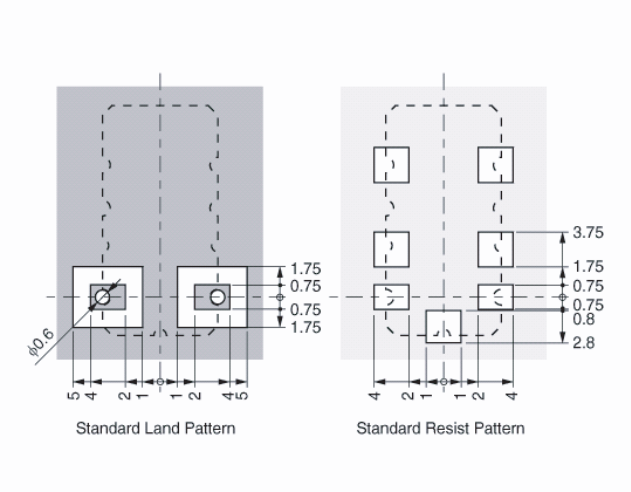
JL2R1575S02AA

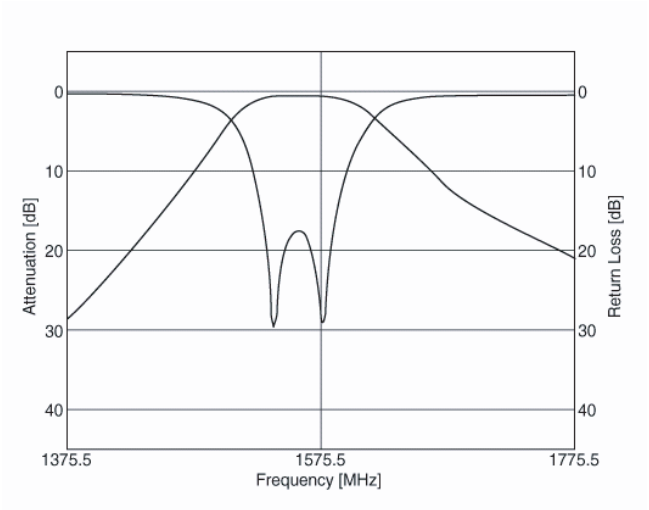
Dimensions

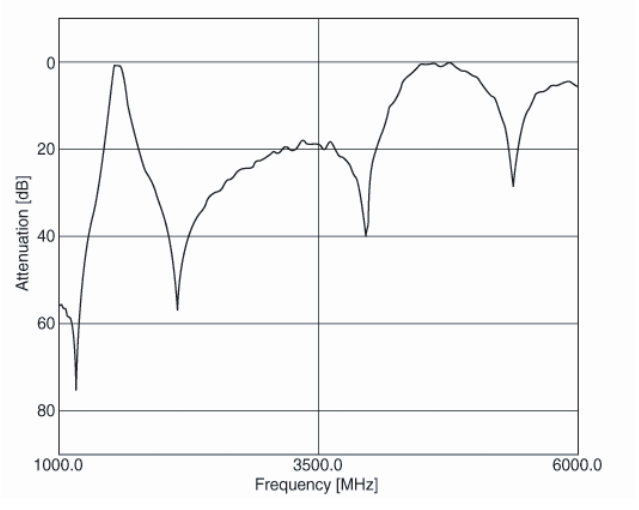


Recommended Pattern



Typical Characteristic





DPP-12

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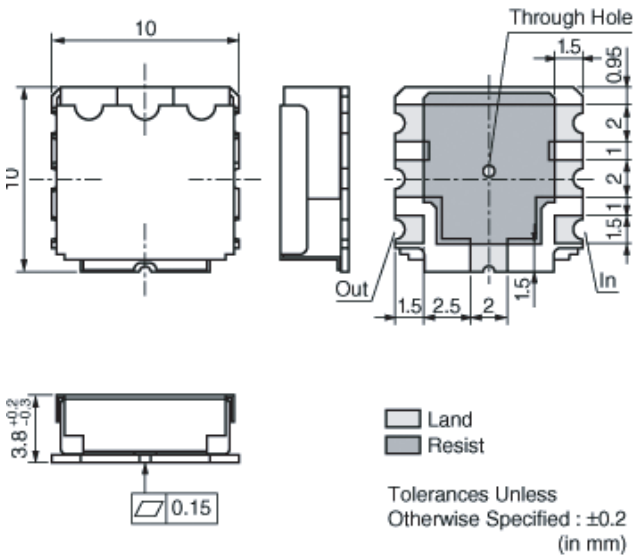
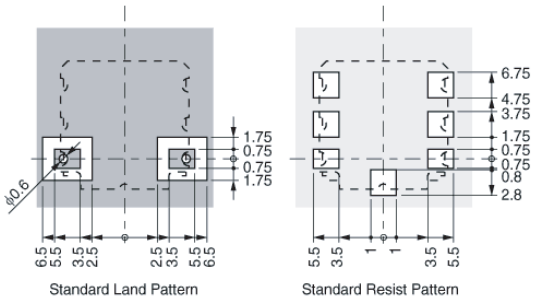
Website:www.jqlelectronics.com email: sales@jqlelectronics.com

JL3R1643S34AA

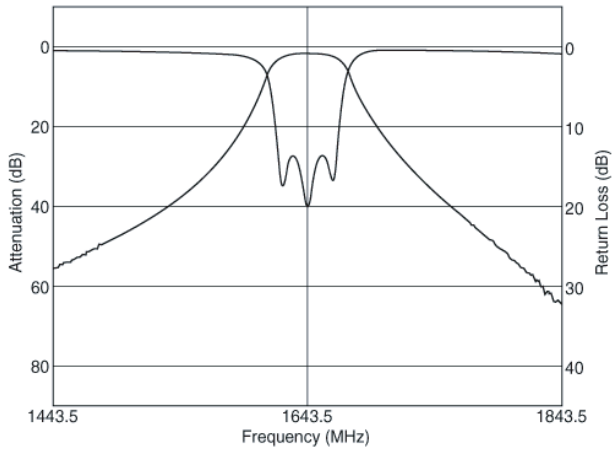
Dimensions

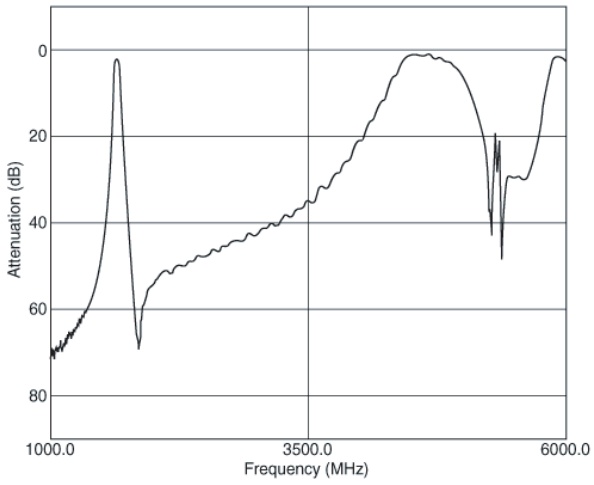


Recommended Pattern



Typical Characteristic





DPP-13

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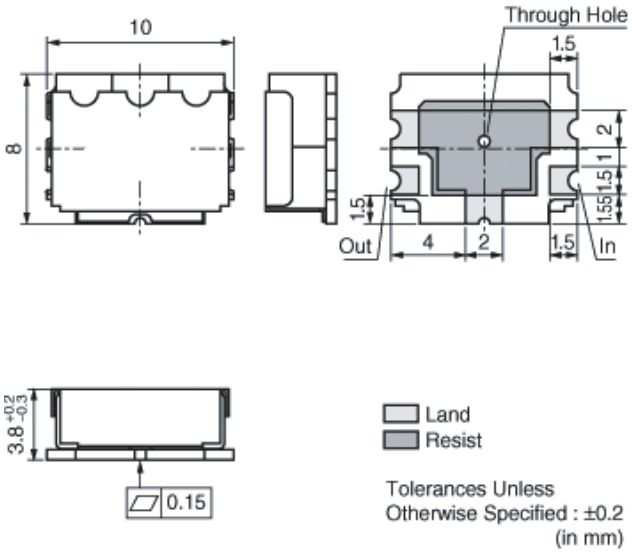
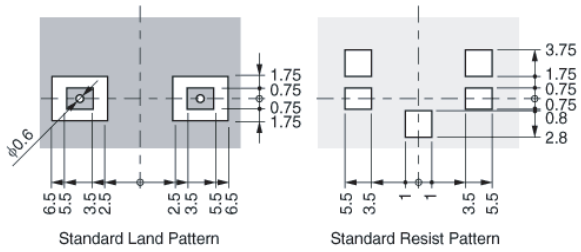
JL3R1747S75AA

Dimensions



Recommended Pattern



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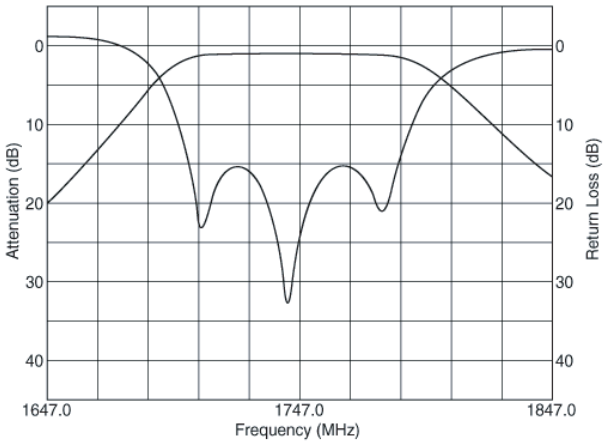

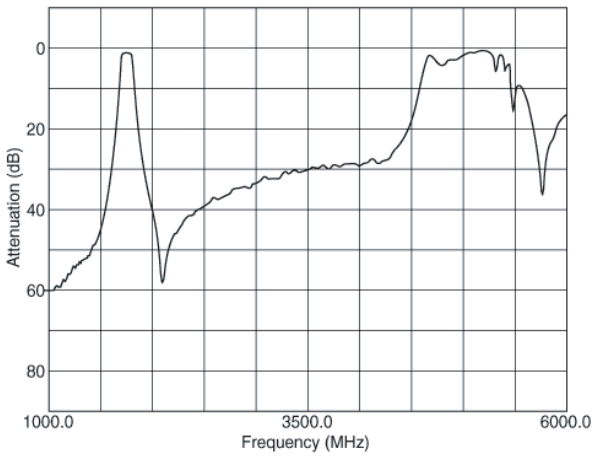

DPP-14

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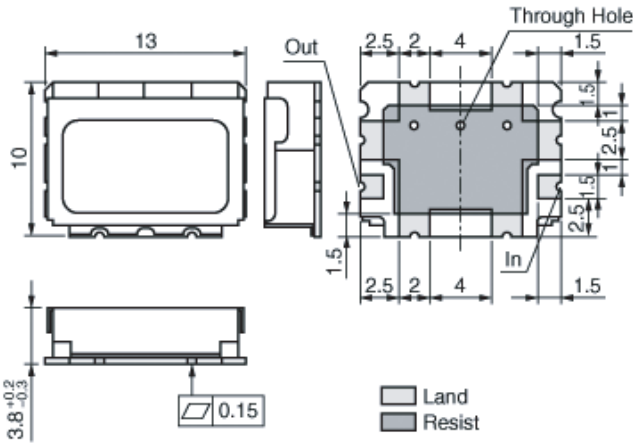
JL3R1643S34AA

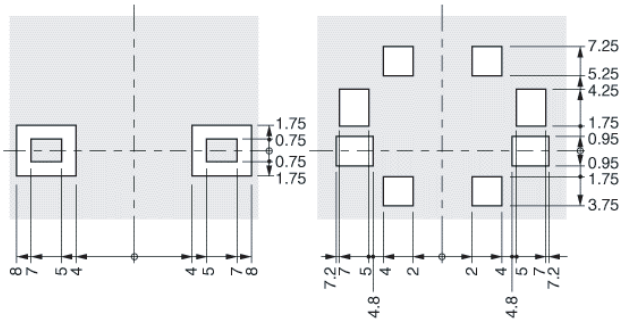
Dimensions



Tolerances Unless Otherwise Specified : ±0.2 (in mm)

Note: The number of through holes may be changed without notice.

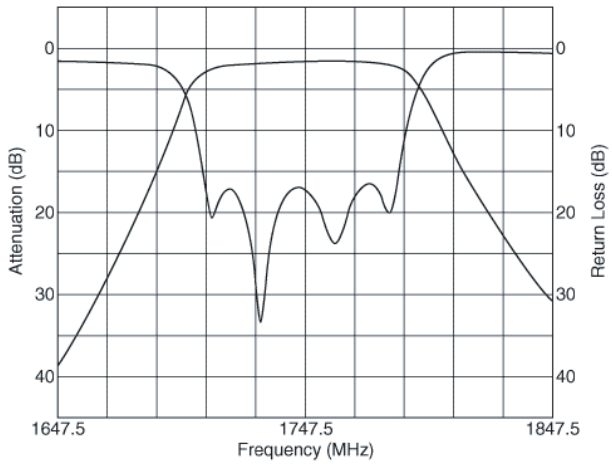
Recommended Pattern

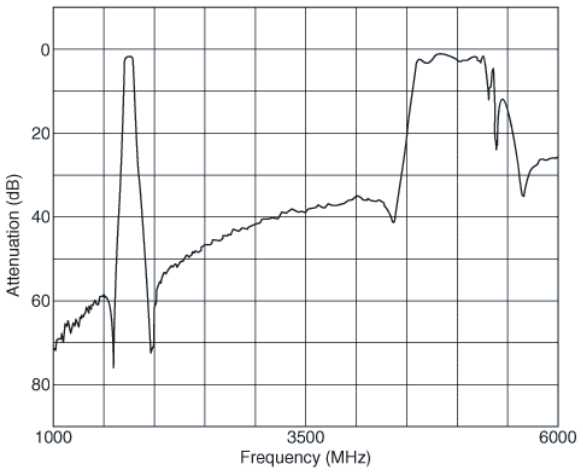


(in mm)

Land Layout Resist Area

Typical Characteristic





DPP-15

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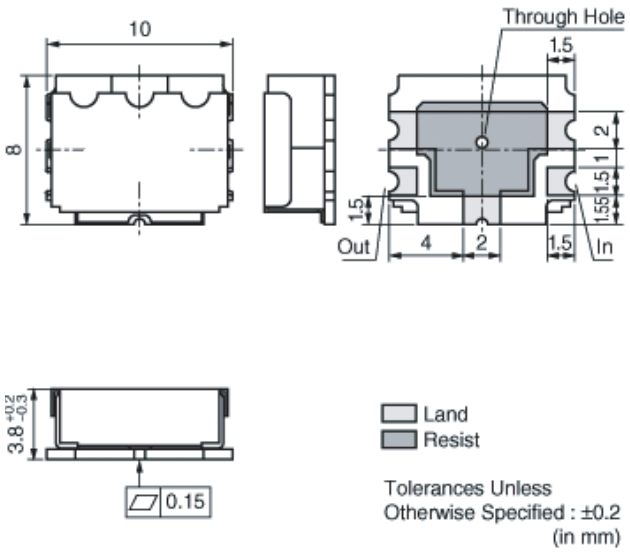
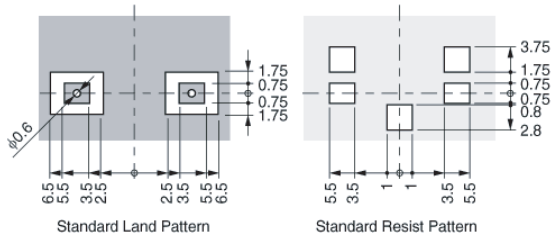
JL3R1842S75AA

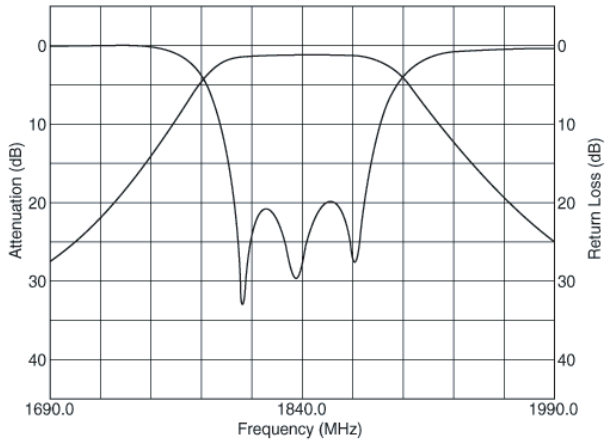
Dimensions

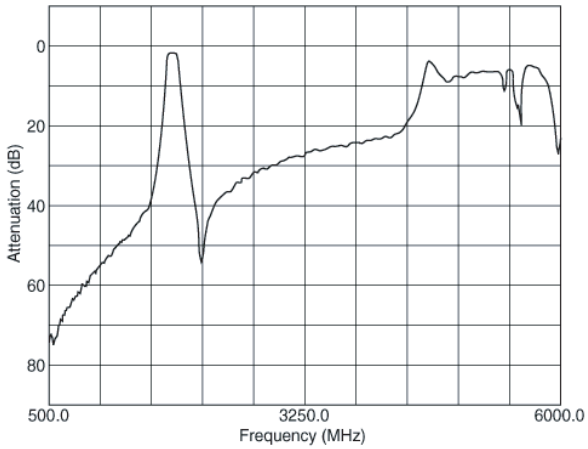


Recommended Pattern



Typical Characteristic





DPP-16

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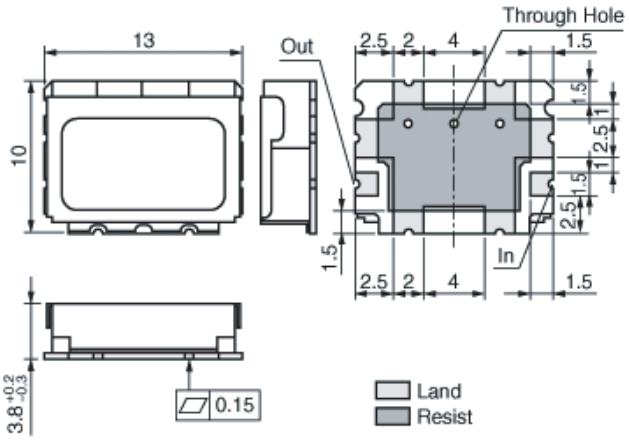
JL4R1842S75AA

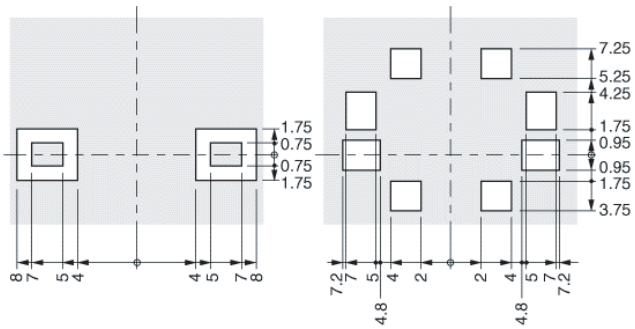
Dimensions



Tolerances Unless Otherwise Specified : ±0.2 (in mm)

Note: The number of through holes may be changed without notice.

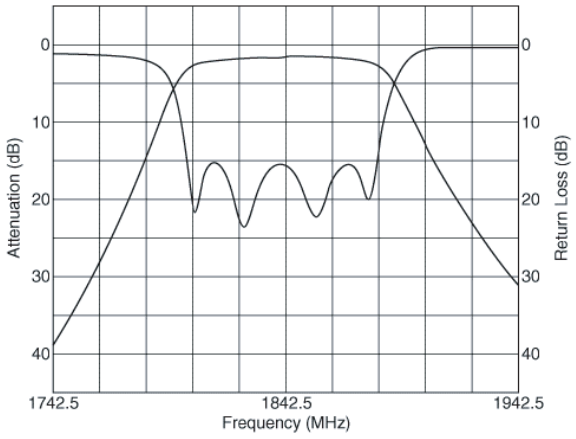
Recommended Pattern

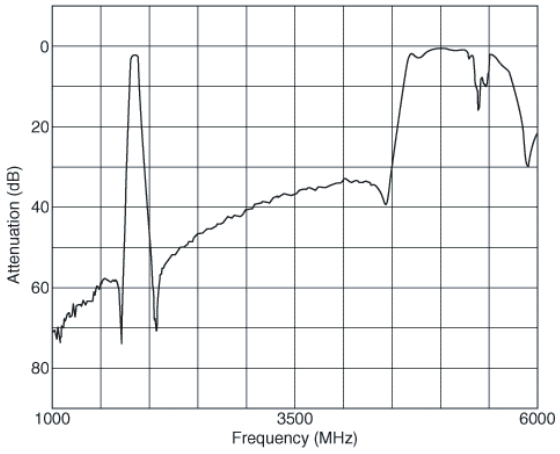


(in mm)

Land Layout Resist Area

Typical Characteristic





DPP-17

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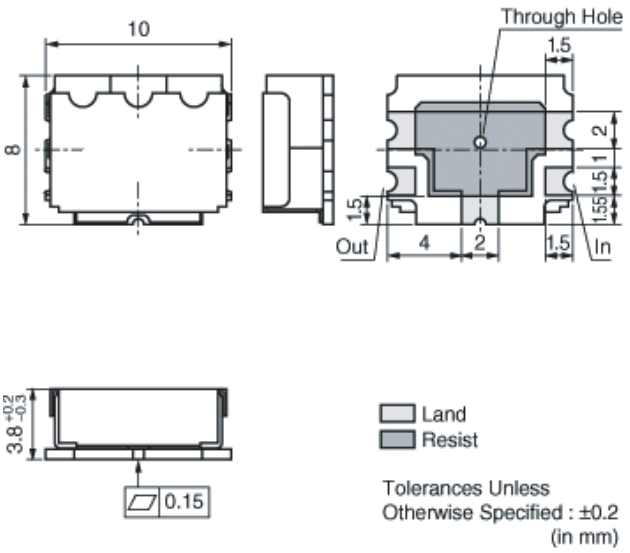
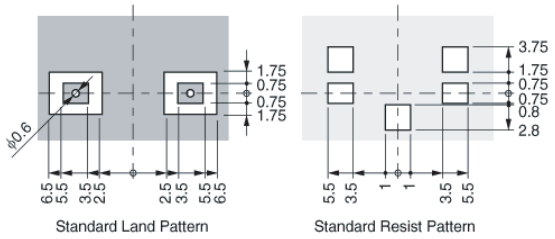
JL3R1880S60AA

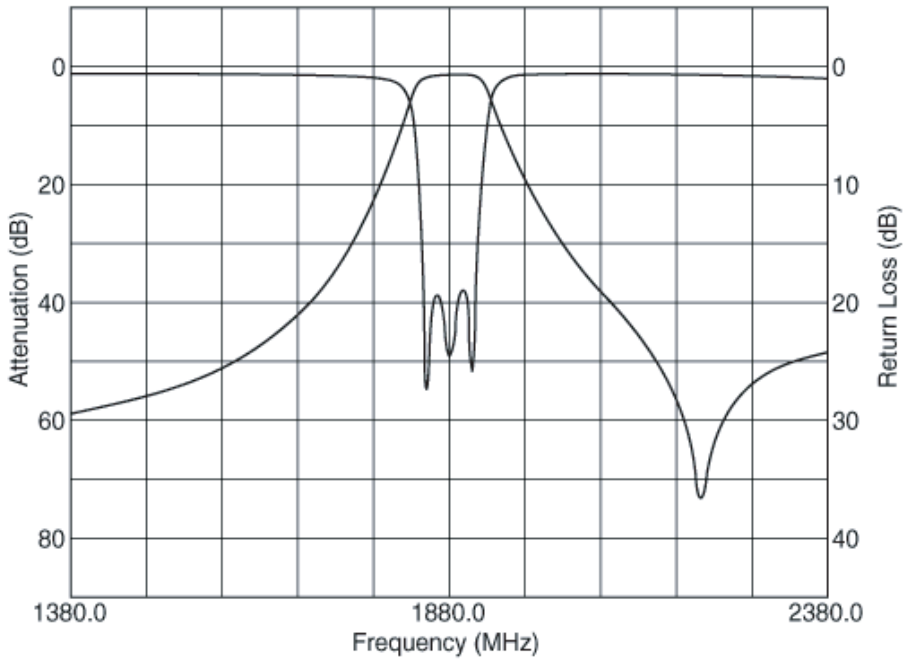
Dimensions



Recommended Pattern



Typical Characteristic



DPP-18

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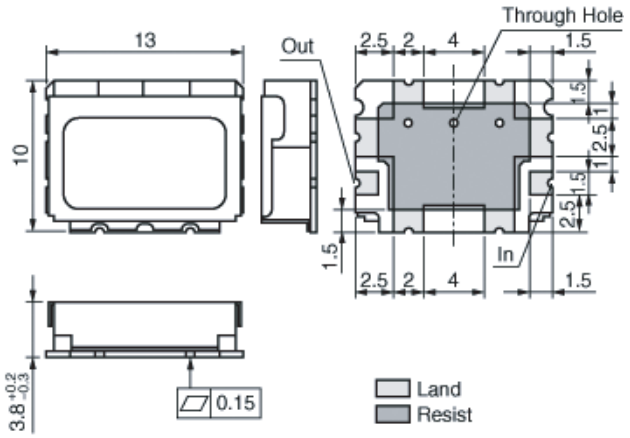
JL4R1880S60AA

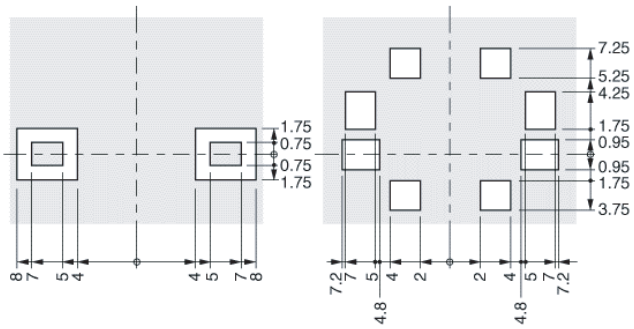
Dimensions



Tolerances Unless Otherwise Specified : ±0.2 (in mm)

Note: The number of through holes may be changed without notice.

Recommended Pattern

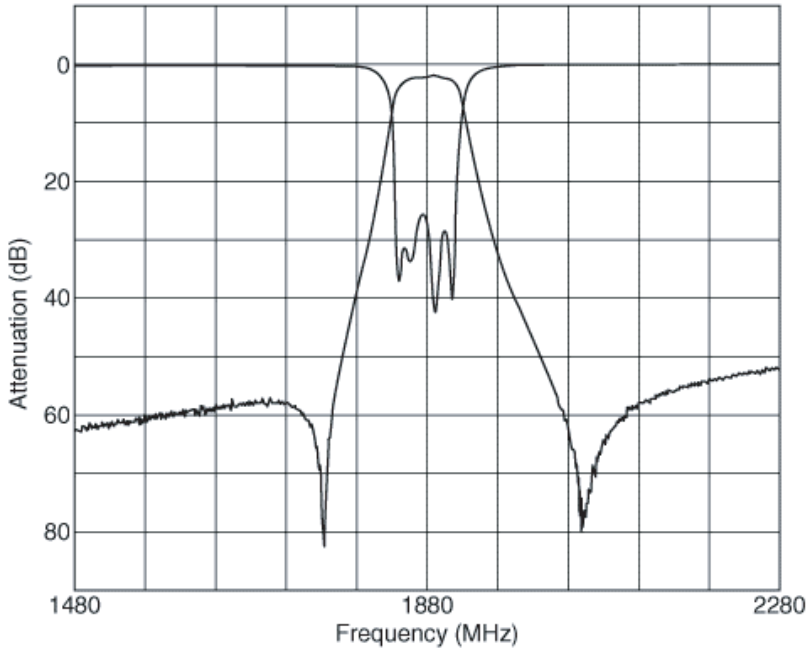


(in mm)

Land Layout

Resist Area

Typical Characteristic



DPP-19

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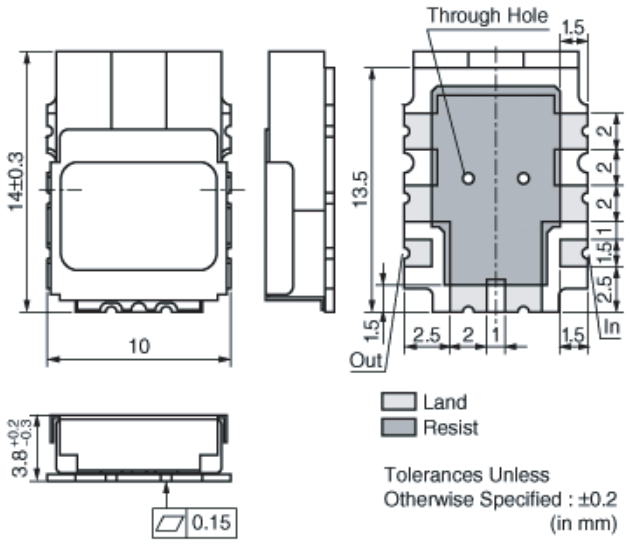
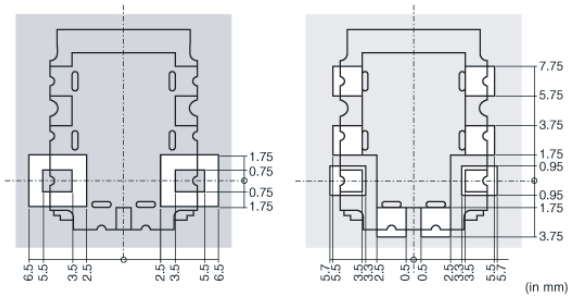
JL3R1880S60AA

Dimensions

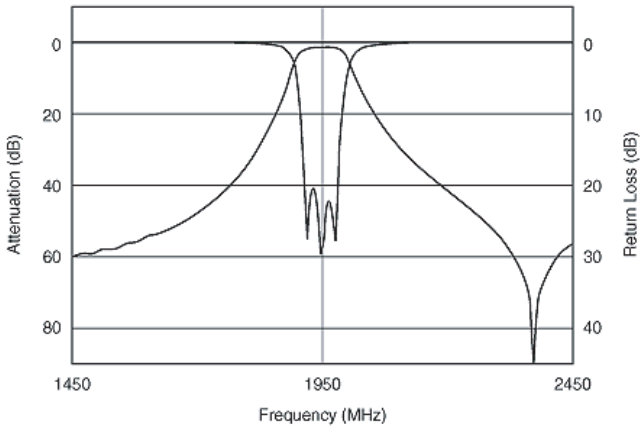


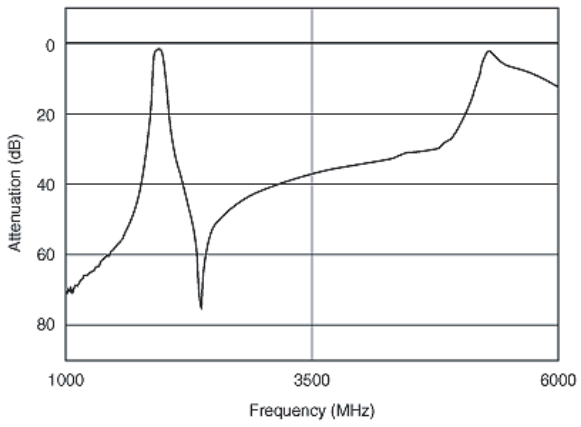
Note: The number of through holes may be changed without notice.

Recommended Pattern



Typical Characteristic





DPP-20

JQL
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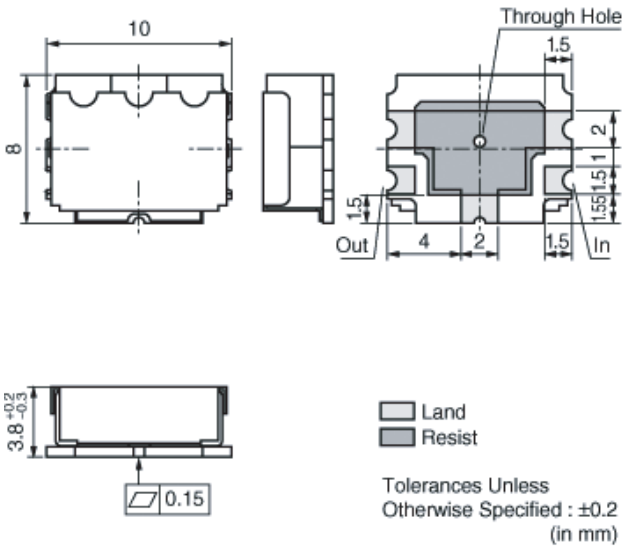
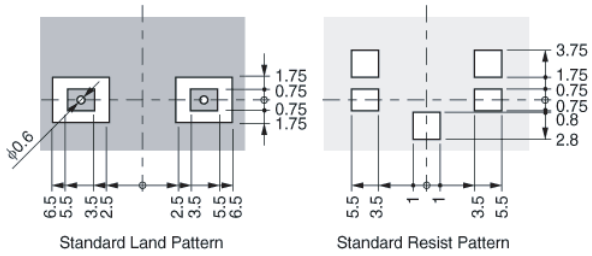
Website:www.jqlelectronics.com email: sales@jqlelectronics.com

JL3R1960S60AA

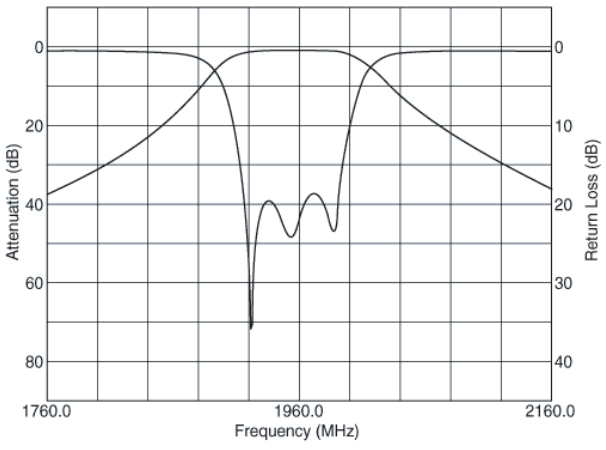
Dimensions

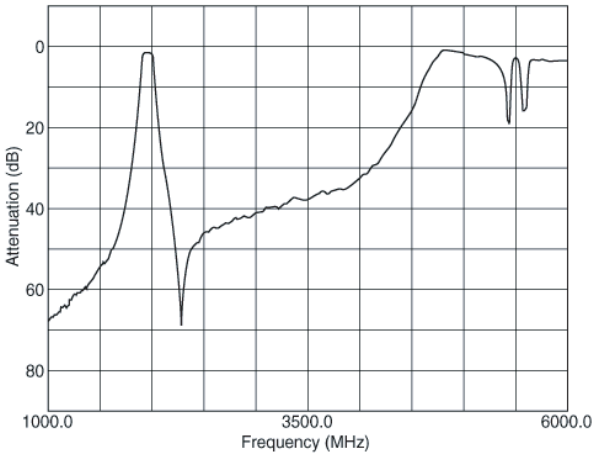


Recommended Pattern



Typical Characteristic





DPP-21

JQL ELECTRONICS INC.
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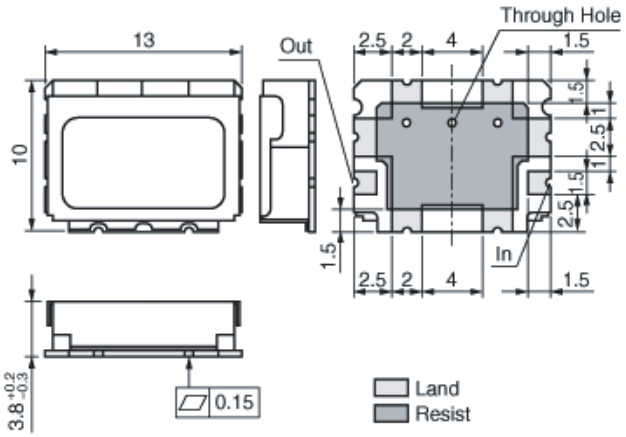
JL4R1960S60AA

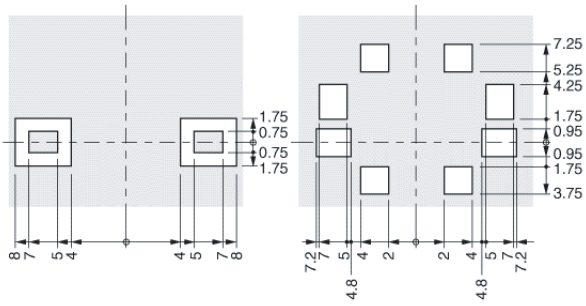
Dimensions



Tolerances Unless Otherwise Specified : ±0.2 (in mm)

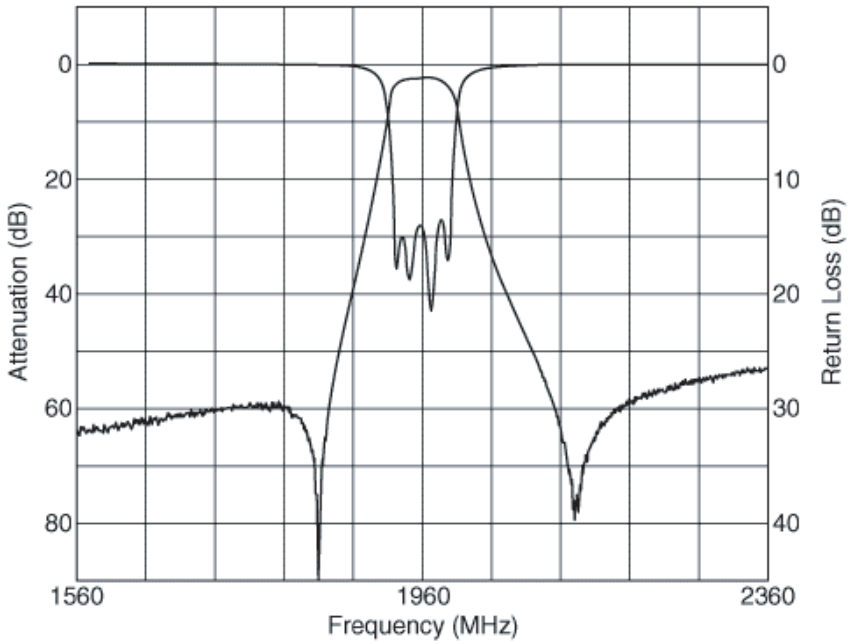
Note: The number of through holes may be changed without notice.

Recommended Pattern



Land Layout Resist Area

Typical Characteristic



DPP-22

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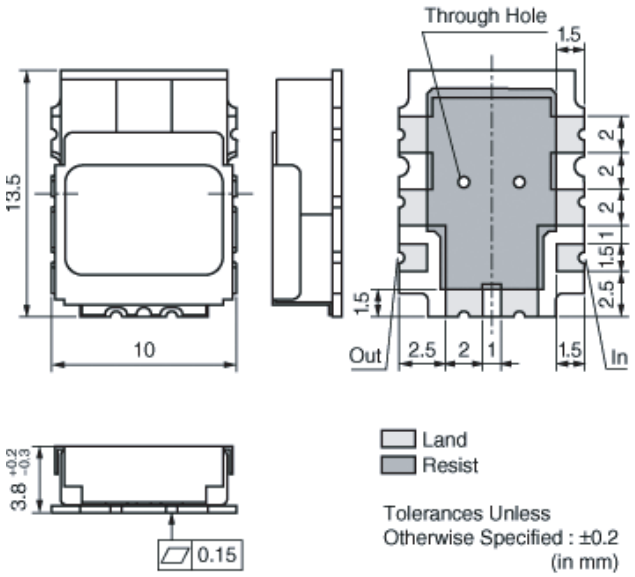
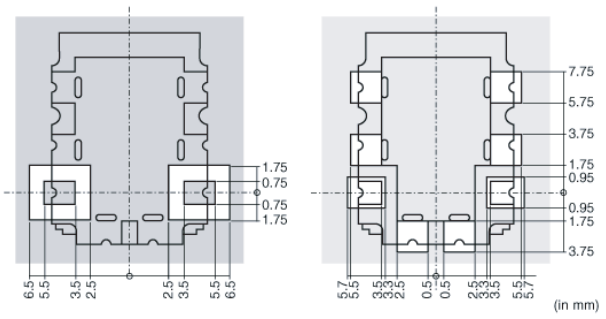
JL3R2140S60AA

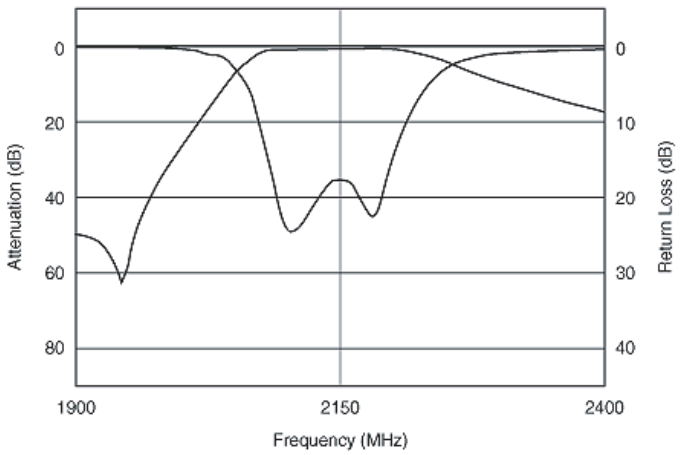
Dimensions

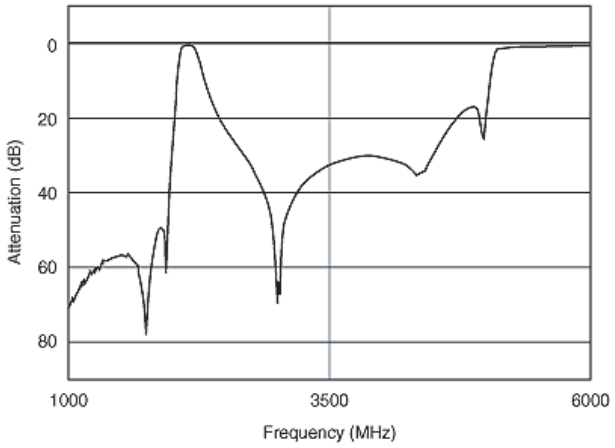


Recommended Pattern



Typical Characteristic





DPP-23

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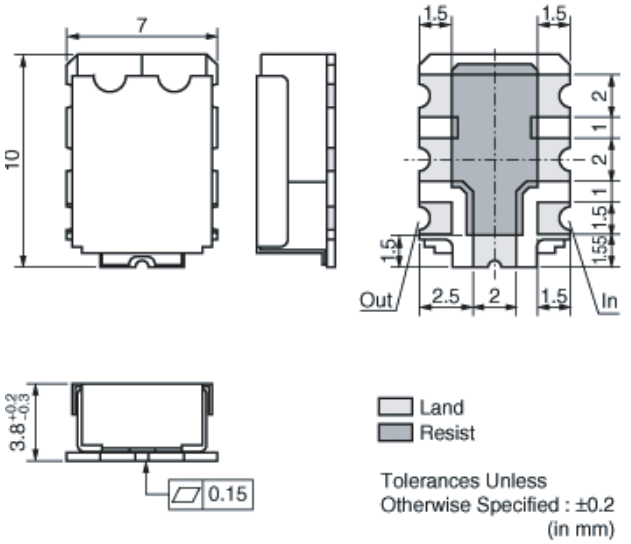
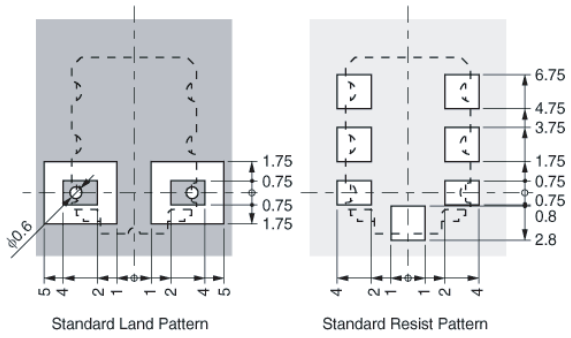
JL2R2442S84AA

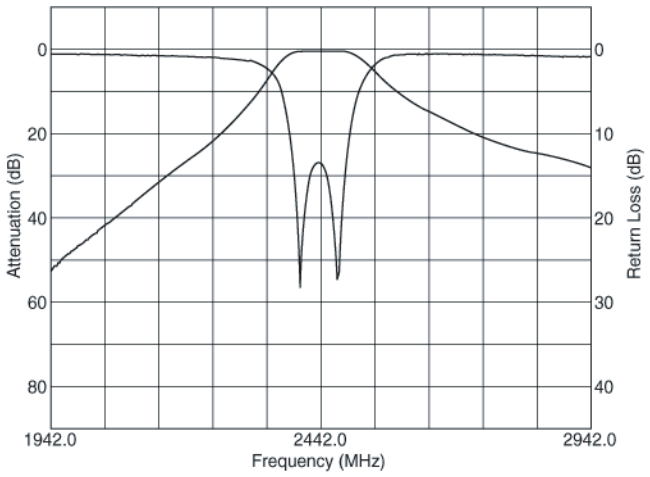
Dimensions

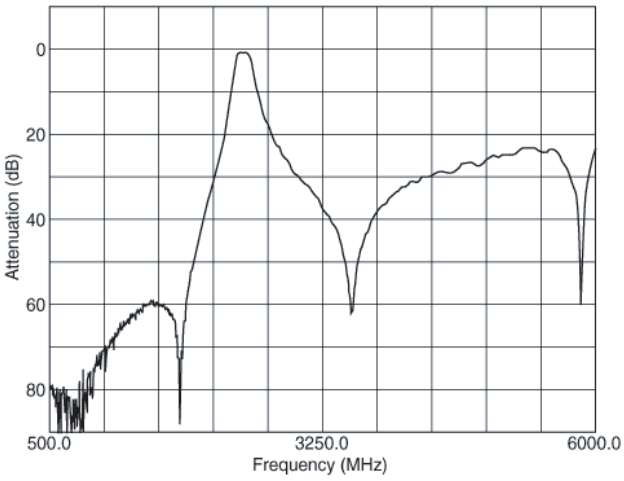


Recommended Pattern



Typical Characteristic





DPP-24

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ELLIPTICAL WAVEGUIDE

- Feeder application for Microwave Antenna System
- Frequency ranging from 2.5Ghz to 20Ghz
- Excellent Crush Strength and Flexibility
- Stable Transmission Capability
- Low Loss, Low VSWR
- Long Length Manufacturing (Max. Length 500 meter)
- Rugged Black Polyethylene Jacket for Handling and Installation Protection
- Easy Installation

ELLIPTICAL WAVEGUIDE

P/N-LENTH	FREQUENCY	VSWR	ATTENUATION	GROUP DELAY	PEAK POWER	DIMENSIONS	WEIGHT	MIN BEND RADIUS(MM)	
(INCH)	(GHz)	MAX	(dB/100m)	(ns/100m)	(Kw)	(mm)	(Kg/m)	E-Bend	H-Bend
WE26-x	2.5-2.7	1.25	2	423	460	108.4*61.3	2.50	600	1500
WE38-x	3.4-4.2	1.10	3.6(3.4Ghz) 2.6(4.2GHz)	419	310	82.6*47.4	1.70	340	840
WE48-x	4.4-5.0	1.10	4.7(4.4GHz) 3.8(5.0GHz)	413	190	72*42	1.40	300	750
WE54-x	5.0-6.0	1.10	5.3(5.0GHz) 4.3(6.0GHz)	413	150	58.5*38	1.00	240	580
WEX62-x	5.925-7.125	1.10	5.2(5.9GHz) 4.5(7.1GHz)	411	102	52*30	0.85	220	550
WEX80-x	7.125-8.5	1.08	6.3(7.1GHz) 5.6(8.2GHz)	415	60	44.8*27.6	0.72	200	520
WE90-x	8.6-10.0	1.15	11.2(8.6GHz) 9.5(10.0GHz)	405	40	34*24	0.60	160	350
WE110-x	10.7-11.7	1.15	10.3(10.7GHz) 9.8(11.7GHz)	405	35	33*21	0.50	150	300
WE120-x	10.95-12.75	1.20	10	415	35	29*15	0.40	150	300
WE130-x	12.275-13.25	1.08	11.4(12.2GHz) 11.2(13.2GHz)	414	30	29.5*14.5	0.40	150	300
WE148-x	14.0-15.35	1.20	16.5(14.0GHz) 15.5(15.4GHz)	425	20	25.3*16	0.34	150	350
WE188-x	17.7-19.7	1.25	20.5(17.7GHz) 19.0(19.7GHz)	416	7	23.6*16.1	0.22	150	380

FLEX-TWIST RECTANGULAR WAVEGUIDE

- Microwave Communication and Satellite Communication Applications
- Flexible and Twistable
- Low VSWR and Attenuation
- Excellent Performance During Flexing and Twisting
- Different Types of Protective Jacket Available (Silicon Rubber, Polyester, Vulcanize Rubber)
- Standard IEC, E.I.A Flange
- Custom Design Available Upon Request

FLEX-TWIST RECTANGULAR WAVEGUIDE

MODEL NUMBER	E.I.A	FREQUENCY (GHz)	VSWR MAX	ATTENUATION (dB/100m)	AVERAGE POWER (Kw)	INNER SIZE (mm)	MAX TWIST (Deg/m)	MIN BEND RADIUS(MM) E-Bend	MIN BEND RADIUS(MM) H-Bend
See Order Info	WR159	4.900-7.050 5.725-6.425	1.10 1.05	0.25	2.50	40.39*20.19	170	129	258
See Order Info	WR137	5.850-8.200 5.850-6.425 6.425-7.125 7.125-7.725 7.725-8.200	1.10 1.05 1.05 1.05 1.05	0.30	2.00	34.85*15.80	205	100	200
See Order Info	WR112	7.050-10.00 7.125-7.725 7.725-8.500	1.10 1.05 1.05	0.40	1.20	28.50*12.60	262	76	152
See Order Info	WR90	8.200-12.40 10.70-11.70	1.10 1.05	0.45	0.96	22.86*10.16	308	66	120
See Order Info	WR75	10.00-15.00 12.75-13.25 13.75-14.50	1.15 1.10 1.10	0.65	0.75	19.85*9.525	430	64	120
See Order Info	WR62	12.40-18.00	1.15	0.95	0.40	15.80*7.900	436	54	105
See Order Info	WR42	17.70-26.50	1.25	2.78	0.10	10.67*4.320	510	41	78

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SEAMLESS FLEXIBLE RECTANGULAR WAVEGUIDE

- Wide Application in Radar, Digital Microwave and Satellite Communication Transmission
- Broad Frequency Coverage
- Low VSWR, Loss Loss
- Easy Connection and Amortization
- Different Types of Protective Jacket Available (Silicon Rubber, Polyester, Vulcanize Rubber)
- Standard IEC, E.I.A Flange
- Custom Design Available Upon Request

SEAMLESS FLEXIBLE RECTANGULAR WAVEGUIDE

MODEL NUMBER	E.I.A	FREQUENCY (GHz)	VSWR MAX	ATTENUATION (dB/100m)	AVERAGE POWER (Kw)	INNER SIZE (mm)	MAX AIRPRESS (MPa)	MIN BEND RADIUS(MM) E-Bend	H-Bend
See Order Info	WR430	1.700-2.600	1.10	0.05	20.00	109.22*54.61	0.2	312	624
See Order Info	WR340	2.170-3.300	1.10	0.05	20.00	86.36*43.18	0.2	260	520
See Order Info	WR284	2.600-3.950	1.08	0.07	10.00	72.14*34.04	0.2	204	408
See Order Info	WR229	3.300-4.900	1.10	0.12	8.00	58.17*29.08	0.2	166	332
See Order Info	WR187	3.950-5.850	1.10	0.20	6.50	47.55*22.15	0.2	160	320
See Order Info	WR159	4.900-7.050 5.725-6.425	1.10 1.05	0.25	6.00	40.39*20.19	0.2	129	258
See Order Info	WR137	5.850-8.200 7.125-7.725	1.10 1.05	0.30	5.00	34.85*15.80	0.2	100	200
See Order Info	WR112	7.050-10.00 7.725-8.500	1.10 1.05	0.35	4.00	28.50*12.60	0.2	76	152
See Order Info	WR90	8.200-12.40 10.70-11.70	1.10 1.05	0.45	2.00	22.86*10.16	0.2	66	120
See Order Info	WR75	10.00-15.00 13.75-14.50	1.15 1.10	0.65	1.50	19.85*9.525	0.2	64	120
See Order Info	WR62	12.40-18.00	1.15	0.74	1.00	15.80*7.900	0.2	54	105
See Order Info	WR42	17.70-26.50	1.25	1.40	0.30	10.67*4.320	0.2	41	78
See Order Info	WR28	26.40-40.00	1.35	2.50	0.15	7.112*3.556	0.2	20	40

WAVEGUIDE ORDERING INFORMATION GUIDE

WFx	WR	M	F1~F2	P	J	L

Series (WFL): Seamless Flexible
(WFT): Flexible Twistable

Waveguide Size (WR): WR 10 thru WR650

Waveguide Material (M)
B - Brass, O- Other

Bandwidth (F1 F2): See Band Index Below
FB- Full Band, B1, B2, B3,B4

Plating (P): C-Chromate, S-Silver
G-Gold, O-Others, N- None

Jacket (J): N-Neoprene, S-Silicone, V-Vinyl,
P- Polysulfide, A - No Jacket

Length (L): Inches

BAND INDEX

BAND INDEX		
E.I.A	Frequency (GHz)	F1~F2
WR 159	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
WR137	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
WR112	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
WR90	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
WR75	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
	Frequency (GHz)	F1~F2
WR62	Frequency (GHz)	F1~F2
WR42	Frequency (GHz)	F1~F2

SAMPLE P/N CONFIGURATION

Part Description
1) Twistable Flexible Waveguide
2) WR112 Waveguide Size
3) 7.050~10.00GHz Bandwidth
4) Brass
5) Silver Plating
6) Neoprene Jacket
7) 12 Inches

P/N Configuration
WFT112BFBSN12

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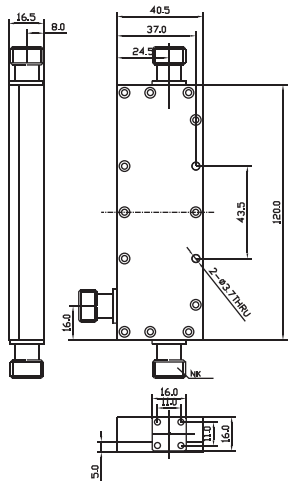
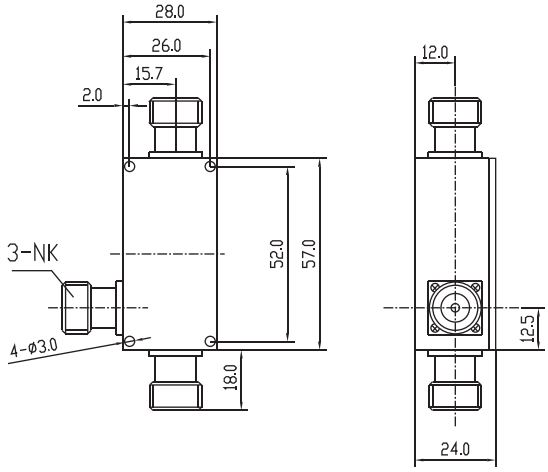
DIRECTIONAL COUPLER

- High Directivity
- High Power Handling
- High Isolation
- SMA or N Connectors
- Wireless Applications
- Wide Operation Temperature Range
- Custom Design Available Upon Request

DIRECTIONAL COUPLER							
FREQUENCY (GHz)		MODEL	FREQUENCY	COUPLING	DIRECTIVITY	VSWR	POWER
F1	F2	NUMBER	SENSITIVITY (dB)	(dB)	(dB) MIN	MAX	(W)
0.800~2.500		HDC0800T2500C5N10	3.0 Max	5±1	20	1.30	100
		HDC0800T2500C6N10	3.0 Max	6±1			
		HDC0800T2500C7N10	1.4 Max	7±1			
		HDC0800T2500C10N10	0.8 Max	10±1			
		HDC0800T2500C15N10	0.3 Max	15±1			
		HDC0800T2500C20N10	0.1 Max	20±1			
		HDC0800T2500C30N10	0.1 Max	30±1			
1.710~2.500		HDC1710T2500C5N10	2.0 Max	5±0.5	20	1.30	50
		HDC1710T2500C6N10	2.0 Max	6±0.5			
		HDC1710T2500C7N10	1.3 Max	7±0.5			
		HDC1710T2500C10N10	0.7 Max	10±0.5			
		HDC1710T2500C15N10	0.3 Max	15±0.6			
		HDC1710T2500C20N10	0.3 Max	20±0.7			
FREQUENCY (GHz)		MODEL	INTERMODULATION	OPERATING	SIZE L*W*H	CONNECTOR	PACKAGE
F1	F2	NUMBER	(dBc) MAX	TEMP (°C)	(mm)	TYPE	CODE
0.800~2.500		HDC0800T2500C5N10	-125	-30~+60	120*40*16.5	N-F	DC01
		HDC0800T2500C6N10					
		HDC0800T2500C7N10					
		HDC0800T2500C10N10					
		HDC0800T2500C15N10					
		HDC0800T2500C20N10					
		HDC0800T2500C30N10					
1.710~2.500		HDC1710T2500C5N10	-125	-30~+60	57*28*24	N-F	DC02
		HDC1710T2500C6N10					
		HDC1710T2500C7N10					
		HDC1710T2500C10N10					
		HDC1710T2500C15N10					
		HDC1710T2500C20N10					



DC01-DIRECTIONAL COUPLER



DC02-DIRECTIONAL COUPLER

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POWER DIVIDER

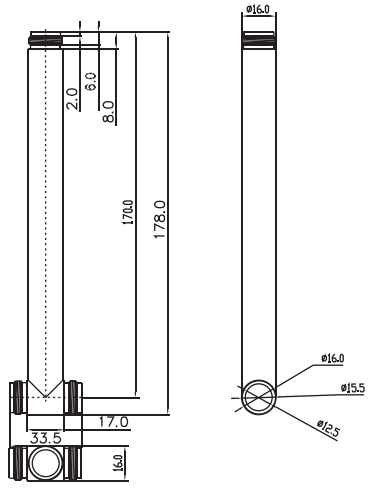
- SMA or N Connector Options
- Available For 2 Way, 3 Way and 4 Way
- High Power Handling
- High Isolation, Low Insertion Loss
- Custom Design Available Upon Request

POWER DIVIDER (WITHOUT ISOLATION)

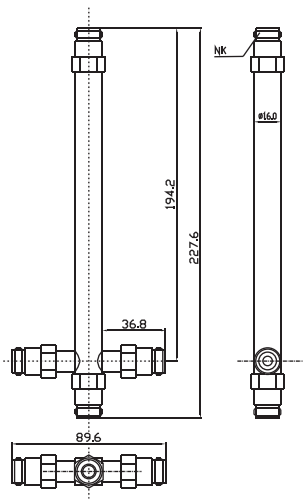
FREQUENCY (GHz)		MODEL	PORTS	INS LOSS	VSWR	POWER	AMPLITUDE	PHASE	OPERATING	SIZE L*W*H	CONNECTOR	PACKAGE
F1	F2	NUMBER	WAYS	(dB) MAX	MAX	(W)	BALANCE (dB)	BALANCE (°)	TEMP (°C)	(mm)	TYPE	CODE
0.800~2.500		HPD0800T2500D2N10	1 TO 2	0.30	1.30	100	±0.3	±5	-30~+60	16*177	N-F	PD01
		HPD0800T2500D3N10	1 TO 3							16*192		PD02
		HPD0800T2500D4N10	1 TO 4							212*27*27		PD03
1.710~2.500		HPD1710T2500D2N10	1 TO 2	0.30	1.25	100	±0.3	±5	-30~+60	16*115	N-F	PD04
		HPD1710T2500D3N10	1 TO 3							16*130		PD05
		HPD1710T2500D4N10	1 TO 4							95*27*27		PD06

POWER DIVIDER (ISOLATION)

FREQUENCY (GHz)		MODEL	PORTS	INS LOSS	VSWR	ISOLATION	POWER	AMPLITUDE	PHASE	OPERATING	SIZE L*W*H	CONNECTOR
F1	F2	NUMBER	WAYS	(dB) MAX	MAX	(dB)	(W)	BALANCE (dB)	BALANCE (°)	TEMP (℃)	(mm)	TYPE
1.710~2.500		HPDR1710T2500D2N10	1 TO 2	0.30	1.25	22.00	100	±0.3	±5	-30~+60	91*53*20	N-F



PD01-POWER DIVIDER



PD02-POWER DIVIDER

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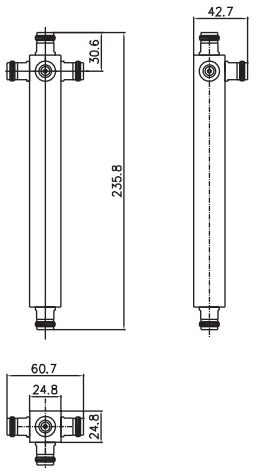
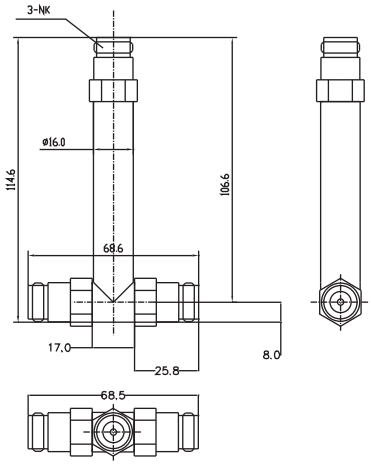
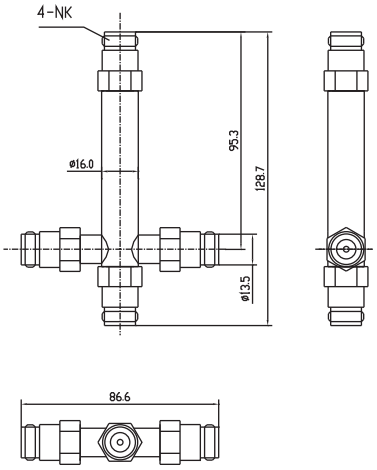


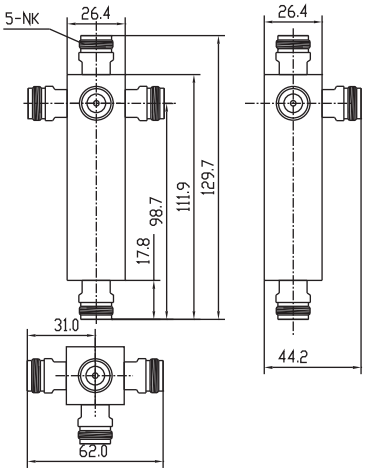
PD03-POWER DIVIDER



PD04-POWER DIVIDER



PD05-POWER DIVIDER



PD06-POWER DIVIDER

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POWER COMBINER

- High Power Handling
- High Isolation, Low Insertion Loss
- Available for 2 to 1, 4 to 1
- Wireless Applications
- Wide Operation Temperature Range
- Custom Design Available Upon Request

POWER COMBINER

FREQUENCY (GHz)		MODEL	PORTS	ISOLATION	INS LOSS	REV LOSS	POWER	AMPLITUDE	SIZE L*W*H	CONNECTOR	PACKAGE
F1	F2	NUMBER		(dB) MIN	(dB) MAX	(dB)	(W)	UNEQUILBRIUM	(mm)	TYPE	CODE
0.869	0.894	HPC2-0869T0894N10	2 TO 1	50	3.55	-22	2*100	±0.15dB	96.8*105*23.5	N-F	PC01
0.869	0.894	HPC2-0869T0894S10	2 TO 1	50	3.55	-22	2*100	±0.15dB	96.8*105*23.5	SMA-F	PC01
0.925	0.950	HPC2-0925T0950N10	2 TO 1	50	3.60	-22	2*100	±0.15dB	96.8*105*23.5	N-F	PC01
0.925	0.950	HPC2-0925T0950S10	2 TO 1	50	3.60	-22	2*100	±0.15dB	96.8*105*23.5	SMA-F	PC01
0.935	0.960	HPC2-0935T0960N5	2 TO 1	50	3.55	-22	2*50	±0.15dB	96.8*105*23.5	N-F	PC01
0.935	0.960	HPC2-0935T0960S5	2 TO 1	50	3.55	-22	2*50	±0.15dB	96.8*105*23.5	SMA-F	PC01
0.935	0.960	HPC2-0935T0960N10	2 TO 1	50	3.55	-22	2*100	±0.15dB	96.8*105*23.5	N-F	PC01
0.935	0.960	HPC2-0935T0960S10	2 TO 1	50	3.55	-22	2*100	±0.15dB	96.8*105*23.5	SMA-F	PC01
0.935	0.960	HPC4-0935T0960N10	4 TO 1	50	6.80	-22	4*100	±0.15dB	216.9*175*24.5	N-F	PC02
0.935	0.960	HPC4-0935T0960S10	4 TO 1	50	6.80	-22	4*100	±0.15dB	216.9*175*24.5	SMA-F	PC02
1.420	1.520	HPC2-1420T1520N2	2 TO 1	20	0.40	-19	2*20	±0.15dB	32*48*15	N-F	PC03
1.420	1.520	HPC2-1420T1520S2	2 TO 1	20	0.40	-19	2*20	±0.15dB	32*48*15	SMA-F	PC03
1.805	1.880	HPC2-1805T1880N5	2 TO 1	50	3.65	-22	2*50	±0.15dB	96.8*105*23.5	N-F	PC01
1.805	1.880	HPC2-1805T1880S5	2 TO 1	50	3.65	-22	2*50	±0.15dB	96.8*105*23.5	SMA-F	PC01
1.805	1.880	HPC2-1805T1880N10	2 TO 1	50	3.70	-22	2*100	±0.15dB	96.8*105*23.5	N-F	PC01
1.805	1.880	HPC2-1805T1880S10	2 TO 1	50	3.70	-22	2*100	±0.15dB	96.8*105*23.5	SMA-F	PC01
1.900	1.920	HPC2-1900T1920N3	2 TO 1	50	3.55	-22	2*30	±0.15dB	80*61*20	N-F	PC04
1.900	1.920	HPC2-1900T1920S3	2 TO 1	50	3.55	-22	2*30	±0.15dB	80*61*20	SMA-F	PC04

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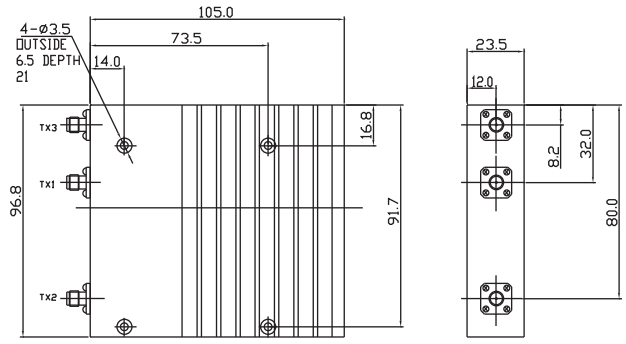
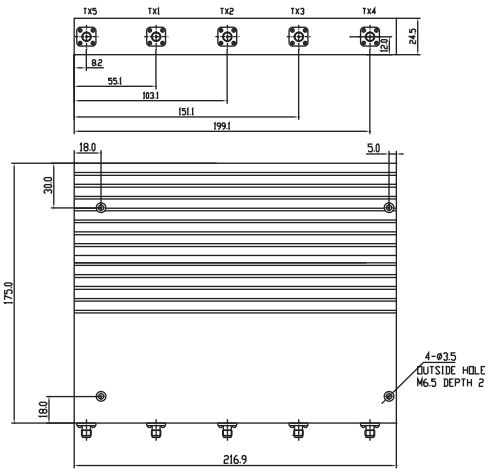
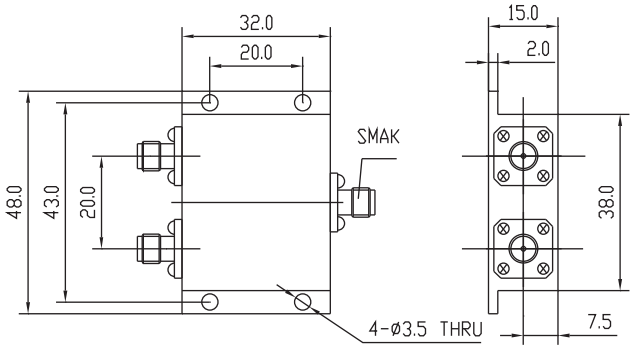


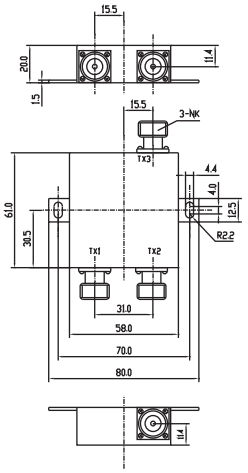
PC01-POWER COMBINER



PC02-POWER COMBINER



PC03-POWER COMBINER



PC04-POWER COMBINER

3DB HYBRID

3dB HYBRID										
FREQUENCY (GHz)		MODEL	ISOLATION	INS LOSS	VSWR	AMPLITUDE	PHASE	POWER	OPERATING	CONNECTOR
F1	F2	NUMBER	MIN (dB)	MAX (dB)	MAX	BALANCE (dB)	BALANCE (°)	HANDLING (W)	TEMP (°C)	TYPE
0.800	0.96	HHB0800T0960N10	25	0.30	1.20	±0.2	90±1.5	100	-25~+75	N-F
0.800	0.96	HHB0800T0960S10	25	0.30	1.20	±0.2	90±1.5	100	-25~+75	SMA-F
1.880	1.92	HHB1880T1920N10	25	0.30	1.20	±0.2	90±1.5	100	-25~+75	N-F
1.880	1.92	HHB1880T1920S10	25	0.30	1.20	±0.2	90±1.5	100	-25~+75	SMA-F

WAVEGUIDE TO COAXIAL ADAPTER

- Coaxial to Waveguide Adapters
- Waveguide to Coaxial Adapters
- High Performance, Low Insertion Loss
- Wide Operation Temperature Range
- Custom Design Upon Request

WAVEGUIDE TO COAXIAL ADAPTER								
FREQUENCY (GHz)		MODEL	BANDWIDTH	INS LOSS	VSWR	SIZE L*W*H	CONNECTOR	WAVEGUIDE
F1	F2	NUMBER	UP TO (MHz)	(dB) MAX	MAX	(mm)	TYPE	TYPE
5.000	5.800	JCWA187-58	200	0.10	1.15	58*89*64	SMA or N	WR187
6.000	7.800	JCWA137-44	200	0.10	1.15	44*58*39	SMA or N	WR137
7.700	8.500	JCWA112-35	200	0.10	1.15	35*48*48	SMA or N	WR112
8.800	12.000	JCWA90-25	300	0.10	1.15	25*42*42	SMA	WR90
10.000	16.000	JCWA75-18	300	0.10	1.15	18*38*38	SMA	WR75
10.500	16.000	JCWA75-25	400	0.10	1.15	25*38*38	SMA	WR75
12.700	18.000	JCWA62-20	500	0.10	1.15	20*33*33	SMA	WR62

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SOLID STATE POWER AMPLIFIER

- **Solid State Wideband High Power RF Amplifier**
  The JQL SSPA is a high power wideband linear power amplifier. This small and lightweight amplifier utilizes Class AB linear power devices that provide an excellent 3rd order intercept point, high gain, and a wide dynamic range.
- **Standard Features**
  Circuit Protection, Thermal Overload, Over Current, Over Voltage, Over VSWR
- **Options**
  001: Built-in Signal Generator
  002: High Output Power Upgrade
  003: IMD Testing Set

P/N	F1/F2(GHz)	GAIN MIN(dB)	OUTPUT POWER MIN(dBm)	GAIN FLATNESS Max(±dB)	VSWR
JSP0400T0450N10	0.4~0.45	50	50	0.5	1.25
JSP0869T0894N15	0.869~0.894	51	51.7	0.5	1.25
JSP0925T0960N15	0.925~0.96	51	51.7	0.5	1.25
JSP1610T1620N15	1.61~1.62	51	51.7	0.5	1.25
JSP1800T1880N15	1.8~1.88	51	51.7	0.5	1.25
JSP1920T1990N15	1.92~1.99	51	51.7	0.5	1.25
JSP2110T2170N15	2.11~2.17	51	51.7	0.5	1.25
JSP2500T2700N10	2.5~2.7	50	50	0.5	1.25

P/N		JSP0869T0960N10	
ELECTRICAL		**MECHANICAL**	
Frequency Range	869-960MHz	Dimensions	19"*7"*19"
Saturated Output Power	150 Watts typical	Weight	50 lb.max
Power Output @ 1dB Comp.	100 Watts min	Connectors	Type-N
Small Signal Gain	+54 dB min	Grounding	Chassis
Small Signal Gain Flatness	±1.5dB max	Cooling	Internal Forced Air
IP3	+56 dBm typical	**ENVIRONMENTAL**	
Input / Output VSWR	1.5:1 max	Operating Temperature	0°C to +50 °C
Harmonics	-20 dBc typical @ 100 Watts	Operating Humidity	95% Non-Condensing
Spurious Signals	<-60 dBc@100 Watts	Operating Altitude	Up to 10,000' Above Sea Level
Input / Output Impedance	50 Ohms nominal	Shock and Vibration	Normal Truck Transport
AC Input Power	1000 Watts max	**Options**	
AC Input	240 VAC, single phase	001	Build-in Signal Generator
RF Input	0 dBm	002-XXX	High Output Power Upgrade
RF Input Signal Format	CW/AM/FM/PM/Pulse	003	IMD Testing Set
Class of Operation	AB		

P/N		JSP1805T2170N10	
Electrical		**Mechanical**	
Frequency Range	1805-2170MHz	Dimensions	19"*7"*19"
Saturated Output Power	150 Watts typical	Weight	50 lb.max
Power Output @ 1dB Comp.	100 Watts min	Connectors	Type-N
Small Signal Gain	+54 dB min	Grounding	Chassis
Small Signal Gain Flatness	±1.5dB max	Cooling	Internal Forced Air
IP3	+56 dBm typical	**Environmental**	
Input / Output VSWR	1.5:1 max	Operating Temperature	0°C to +50°C
Harmonics	-20 dBc typical @ 100 Watts	Operating Humidity	95% Non-Condensing
Spurious Signals	<-60 dBc@100 Watts	Operating Altitude	Up to 10,000' Above Sea Level
Input / Output Impedance	50 Ohms nominal	Shock and Vibration	Normal Truck Transport
AC Input Power	1000 Watts max	**Options**	
AC Input	240 VAC, single phase	001	Build-in Signal Generator
RF Input	0 dBm	002-XXX	High Output Power Upgrade
RF Input Signal Format	CW/AM/FM/PM/Pulse	003	IMD Testing Set
Class of Operation	AB		

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