DIRECTIONAL COUPLER
MODEL SDC-C7

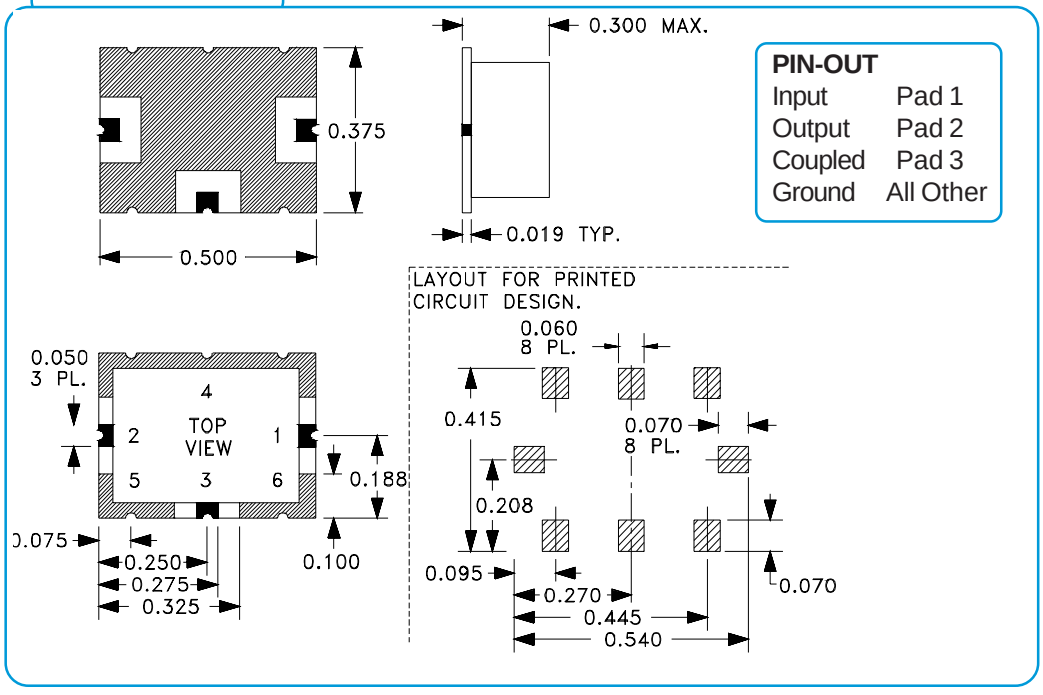
WIDE BANDWIDTH — 10 - 2000 MHz

SPECIFICATIONS:

Operating Frequency:	10 - 2000 MHz
Coupling:	9.8 dB ± 0.8 dB (Nom)
Coupling Flatness:	± 1.0 dB (Max)
Mainline Loss:	
10 - 100 MHz	1.6 dB (Typ) / 2.2 dB (Max)
100 - 1000 MHz	1.7 dB (Typ) / 2.3 dB (Max)
1000 - 2000 MHz	2.4 dB (Typ) / 3.0 dB (Max)

Directivity:	
10 - 100 MHz	18 dB (Typ) / 13 dB (Min)
100 - 1000 MHz	22 dB (Typ) / 15 dB (Min)
1000 - 2000 MHz	17 dB (Typ) / 13 dB (Min)
VSWR:	1.3:1 (Typ)
Impedance:	50 Ohms
Operating Temp. Range:	-20° to +70°C

MECHANICAL OUTLINE: 152



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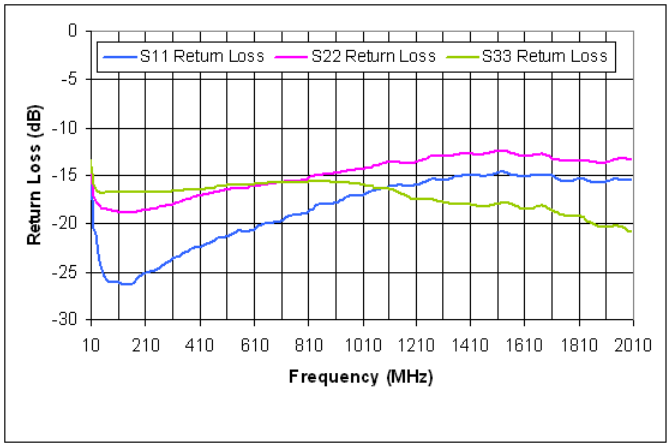
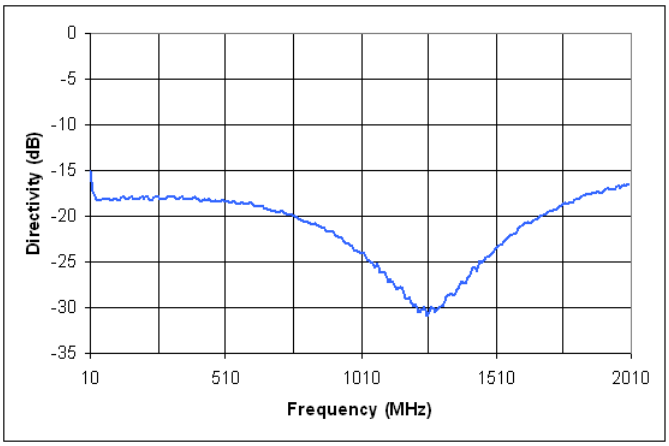
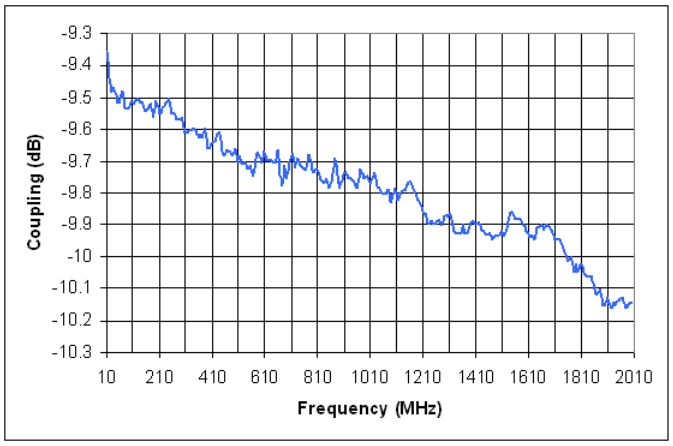
MODEL SDC-C7

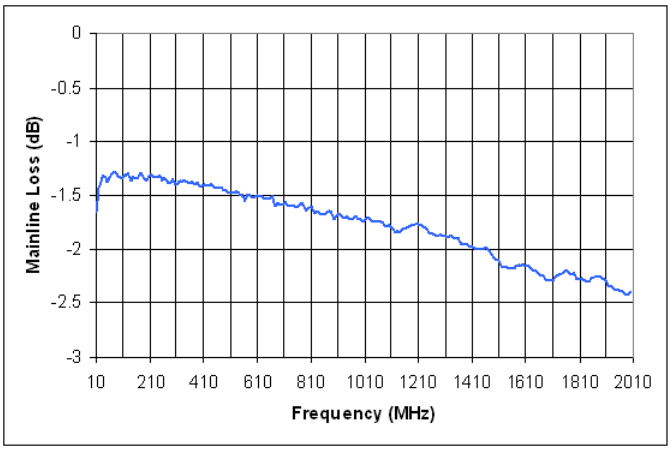
WIDE BANDWIDTH 10 - 2000 MHz

PERFORMANCE PLOTS









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