

# DIRECTIONAL COUPLER

## MODEL SDC-C7

WIDE BANDWIDTH

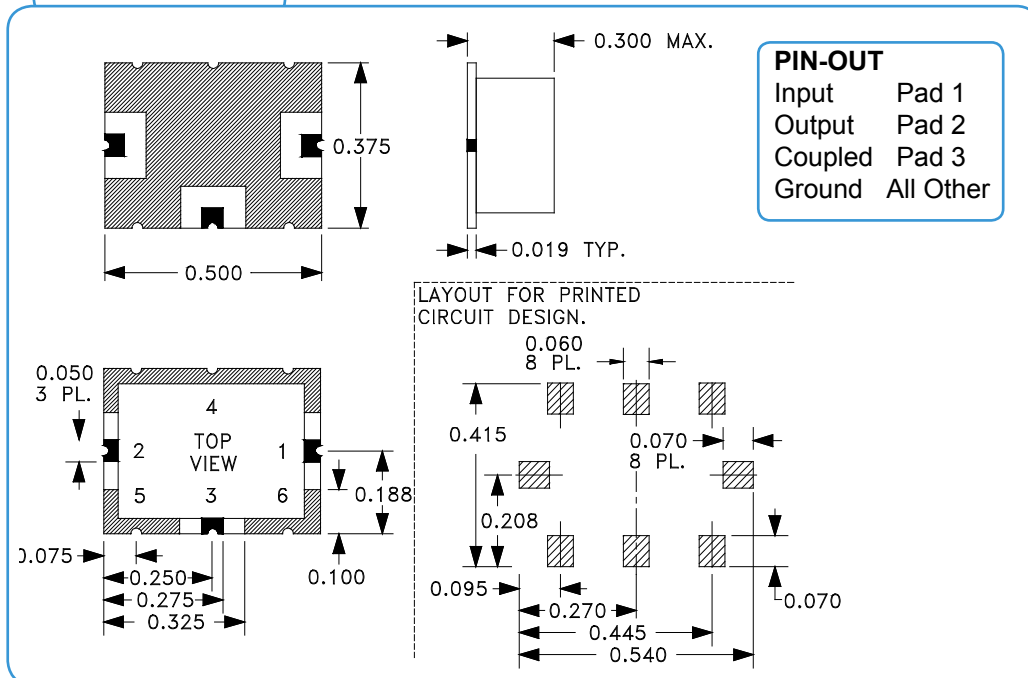
10 - 2000 MHz

### SPECIFICATIONS

<b>Operating Frequency:</b>	10 - 2000 MHz	<b>Directivity:</b>	
<b>Coupling:</b>	9.8 dB $\pm$ 0.8 dB (Nom)	10 - 100 MHz	18 dB (Typ) / 13 dB (Min)
<b>Coupling Flatness:</b>	$\pm$ 1.0 dB (Max)	100 - 1000 MHz	22 dB (Typ) / 15 dB (Min)
<b>Mainline Loss:</b>		1000 - 2000 MHz	17 dB (Typ) / 13 dB (Min)
10 - 100 MHz	1.6 dB (Typ) / 2.2 dB (Max)	<b>VSWR:</b>	1.3:1 (Typ)
100 - 1000 MHz	1.7 dB (Typ) / 2.3 dB (Max)	<b>Impedance:</b>	50 Ohms
1000 - 2000 MHz	2.4 dB (Typ) / 3.0 dB (Max)	<b>Operating Temp. Range:</b>	-20° to +70°



### MECHANICAL OUTLINE: 152



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## PERFORMANCE PLOTS

