

DIRECTIONAL COUPLER

MODEL SDC-C7

WIDE BANDWIDTH

10 - 2000 MHz

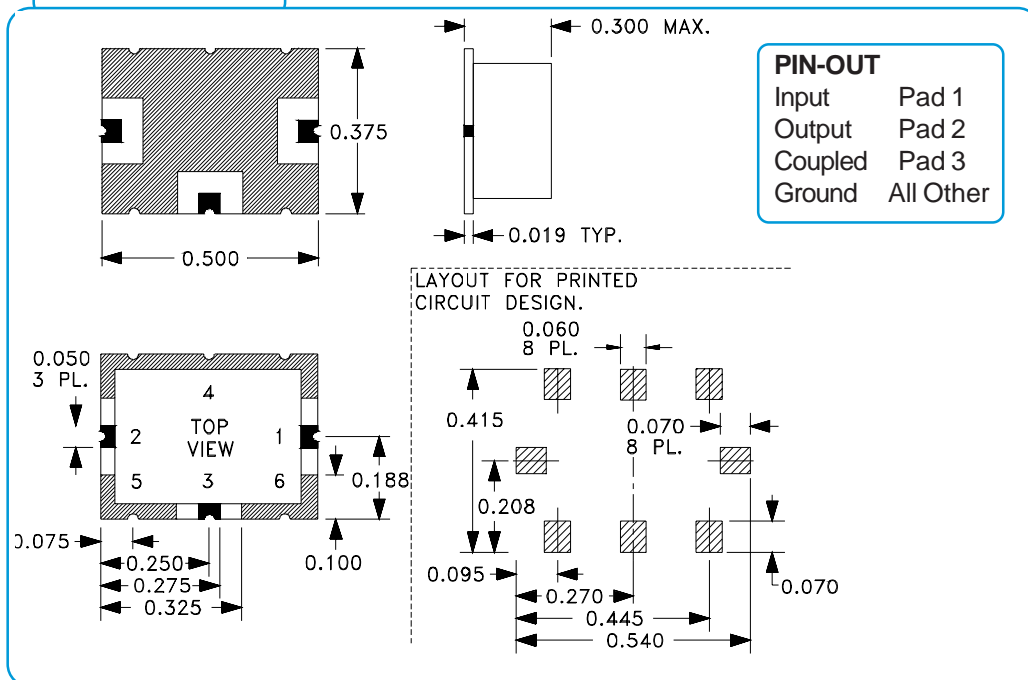
SPECIFICATIONS:

| | |
|-----------------------------|-----------------------------|
| Operating Frequency: | 10 - 2000 MHz |
| Coupling: | 9.8 dB \pm 0.8 dB (Nom) |
| Coupling Flatness: | \pm 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



DIRECTIONAL COUPLER

MODEL SDC-C7

WIDE BANDWIDTH

10 - 2000 MHz

PERFORMANCE PLOTS

