

TRIPLE BALANCED MIXER

MODEL SMD-3500

WIDE BANDWIDTH

1-3500 MHz

SPECIFICATIONS: (Rev. "B" 01/31/06)

Operating Frequency:

LO / RF: 10 - 3500 MHz

IF: 1 - 2000 MHz

Isolation (dB):

LO/RF (Typ/Min) 35/25

LO/IF 30/20

RF/IF 25/20

Conversion Loss (dB): (Typ/Max)

7.8 / 8.7

LO Power:

+17 dBm(Nom)

Input IP3 (dBm): (Typ/Min)

+28 / +23

1 dB Compression Point:

+14 dBm (Typ)

Impedance:

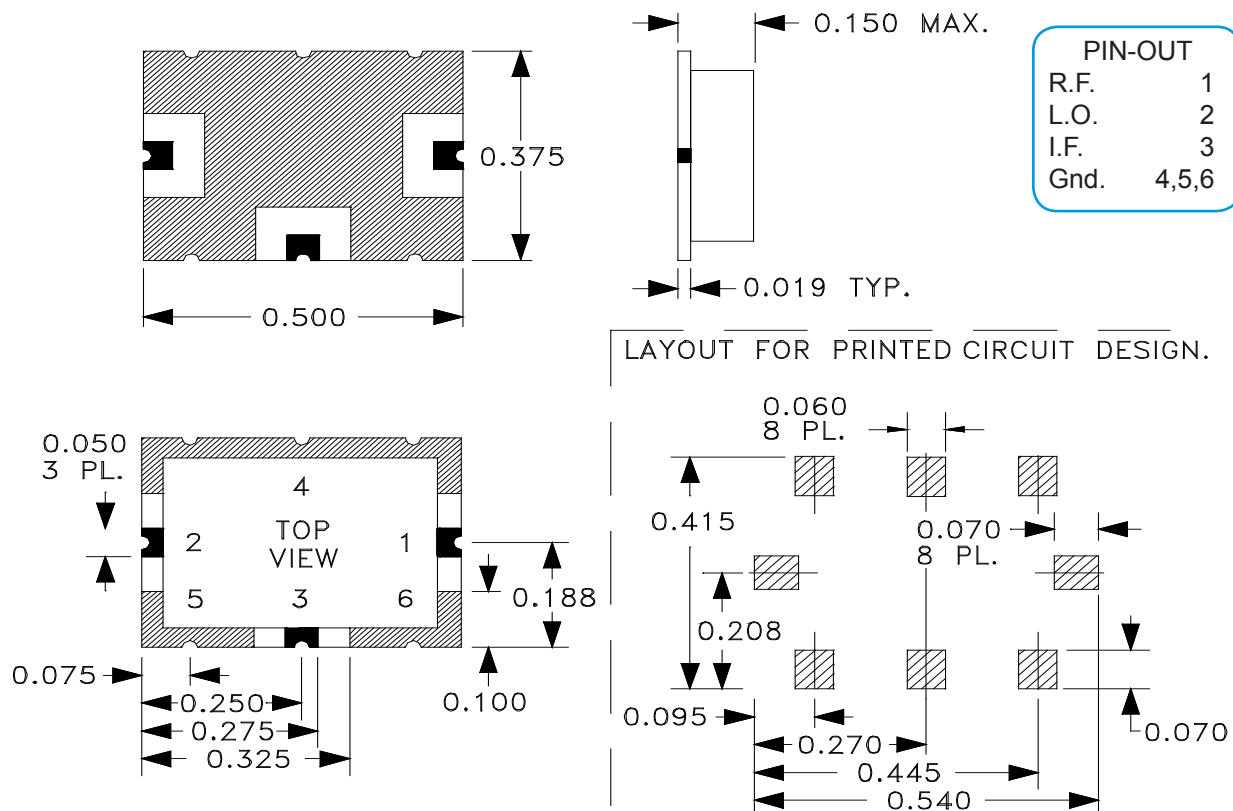
50 Ohms (Nom)

Operating Temperature Range:

-40°C to +85°C



MECHANICAL OUTLINE: 133



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PERFORMANCE PLOTS

