

DOUBLE BALANCED MIXER

MODEL SMD6000

ULTRA WIDE BANDWIDTH

1 - 6000 MHz

SPECIFICATIONS: (Rev. "B" 03/25/05)

Operating Frequency:

LO / RF: 1 - 6000 MHz

IF: DC - 700 MHz

Isolation (dB):

LO/RF 25/15

LO/IF 18/12

RF/IF 15/12

Conversion Loss (dB): (Typ/Max)

8.5 / 10.0

LO Power:

+10 dBm (Nom)

Input IP3 (dBm):

+15 (Typ)

1 dB Compression Point:

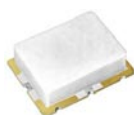
+3 dBm (Typ)

Impedance:

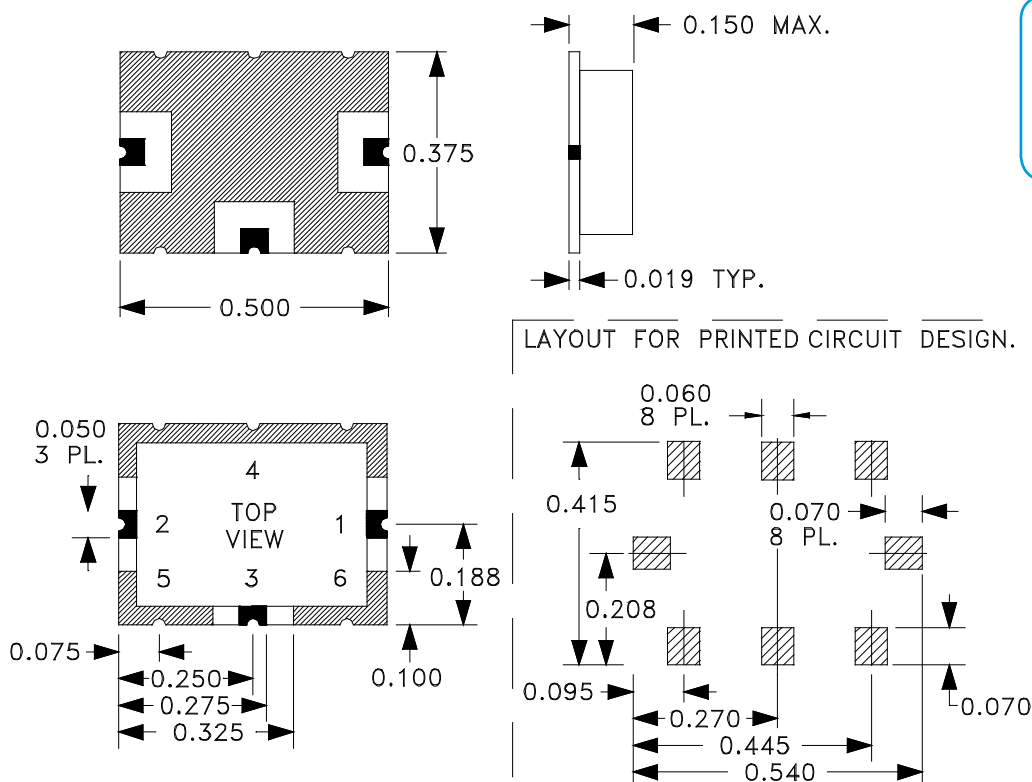
50 Ohms (Nom)

Operating Temperature Range:

-40°C to +75°C



MECHANICAL OUTLINE: 133



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PERFORMANCE PLOTS

