

# TRIPLE BALANCED MIXER MODEL SMD-3500

## WIDE BANDWIDTH

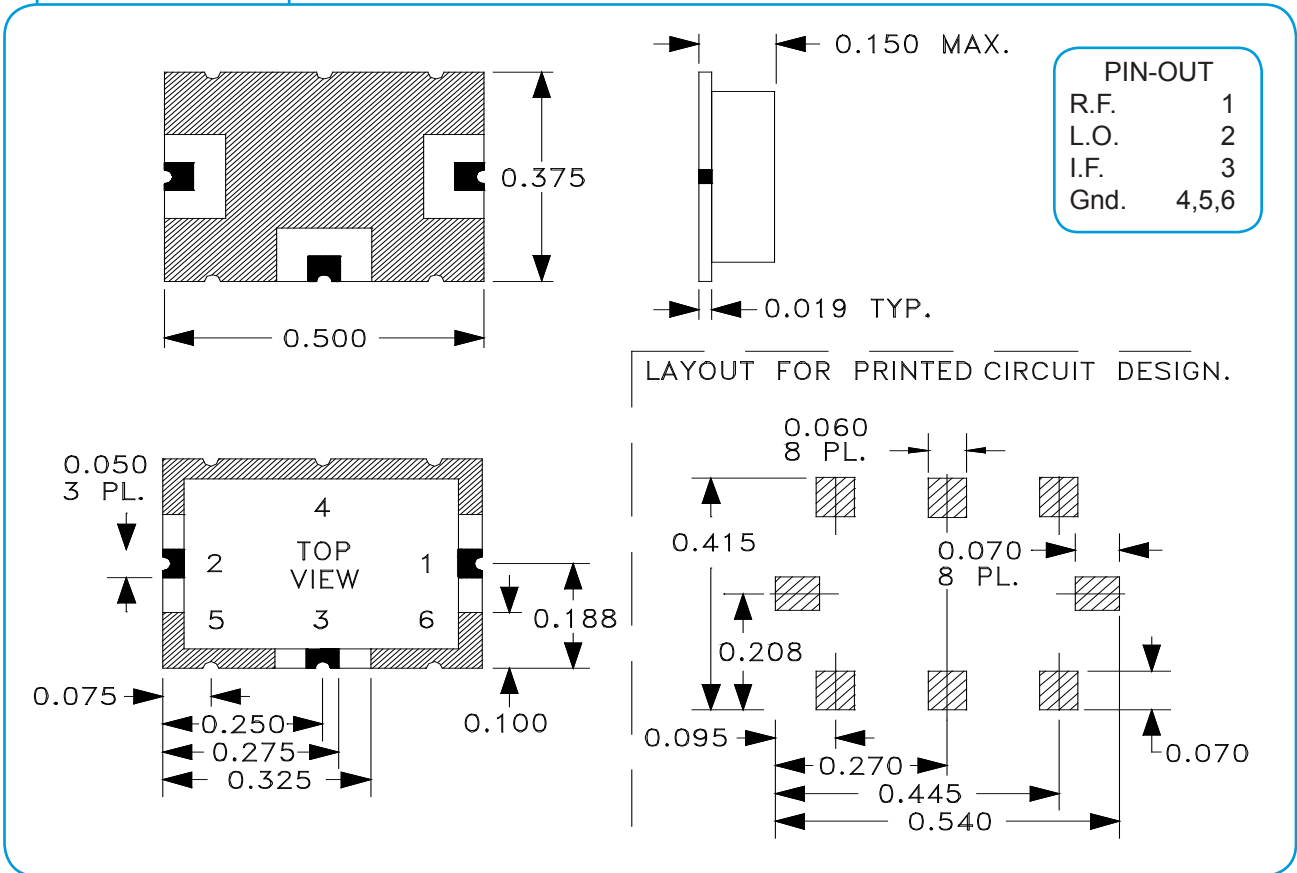
## 1-3500 MHz

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

<b>Operating Frequency:</b>		<b>Conversion Loss (dB): (Typ/Max)</b>	
LO / RF:	10 - 3500 MHz		7.8 / 8.7
IF:	1 - 2000 MHz	<b>LO Power:</b>	+17 dBm(Nom)
<b>Isolation (dB):</b>	(Typ/Min)	<b>Input IP3 (dBm): (Typ/Min)</b>	+28 / +23
LO/RF	35/25	<b>1 dB Compression Point:</b>	+14 dBm (Typ)
LO/IF	30/20	<b>Impedance:</b>	50 Ohms (Nom)
RF/IF	25/20	<b>Operating Temperature Range:</b>	-40°C to +85°C



### MECHANICAL OUTLINE: 133



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### PERFORMANCE PLOTS

