

TRIPLE BALANCED MIXER

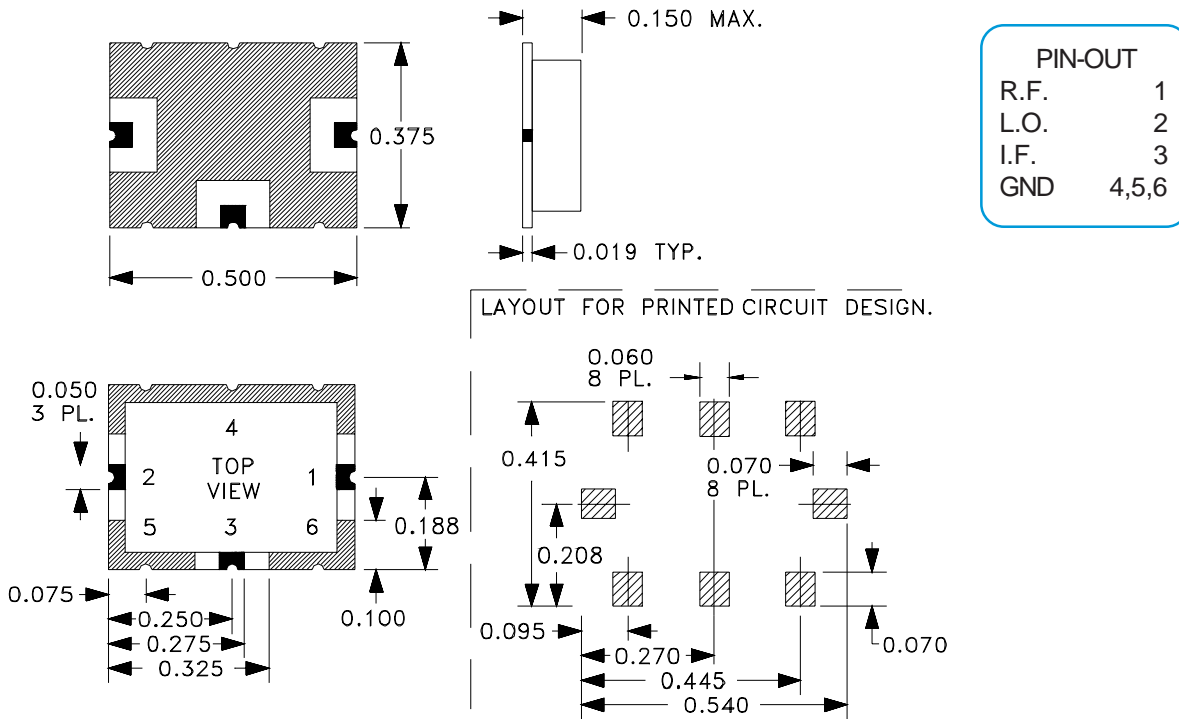
MODEL SMD-CA185

SPECIFICATIONS:

Operating Frequency:		VSWR: (Typ)	
LO / RF:	1 - 2500 MHz	RF Port: 600-2000 MHz	1.7:1
IF:	1 - 2000 MHz	RF Port: 10-2500 MHz	2.0:1
LO Drive:	+10 dBm	LO Port: 600-2000 MHz	1.6:1
Conversion Loss (dB): (Typ/Max)		LO Port: 10-2500 MHz	2.0:1
LO/RF: 10 - 1300 MHz	6.2 / 8.5	IF Port: 10-2500 MHz	1.8:1
LO/RF: 10 - 2500 MHz	7.5 / 9.5		
LO/RF: 1 - 2500 MHz	8.0		
Isolation (dB): (Typ/Min)		Input IP3:	+19 dBm (Typ)
LO/RF: 10 - 2000 MHz	35 / 24	1 dB Compression Point:	+6 dBm (Typ)
LO/RF: 10 - 2500 MHz	25 / 18	Power Rating: @ 25°C	+20 dBm (Max)
LO/IF: 10 - 2000 MHz	26 / 20	Impedance:	50 Ohms (Nom)
LO/IF: 10 - 2500 MHz	22 / 16	Operating Temperature Range:	-40°C to +85°C
RF/IF: 1 - 2500 MHz	22 / 16		



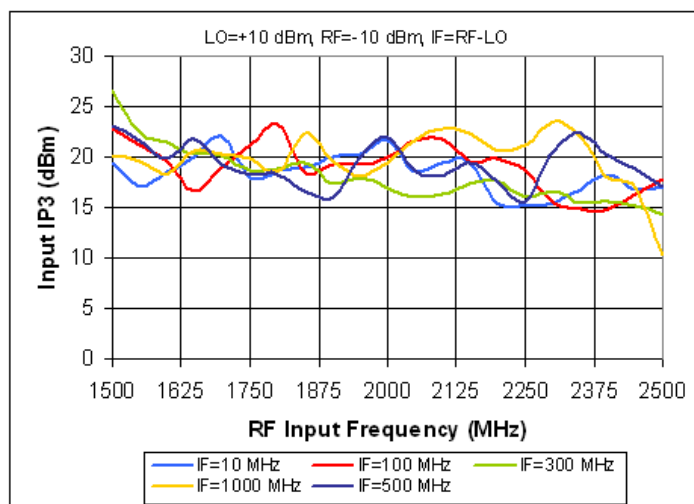
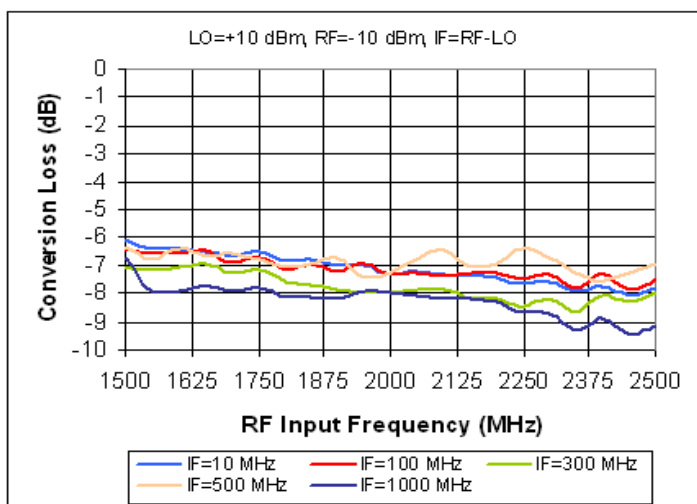
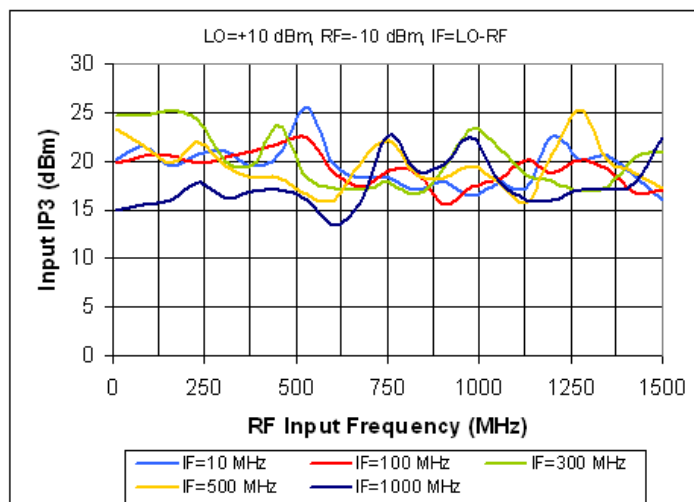
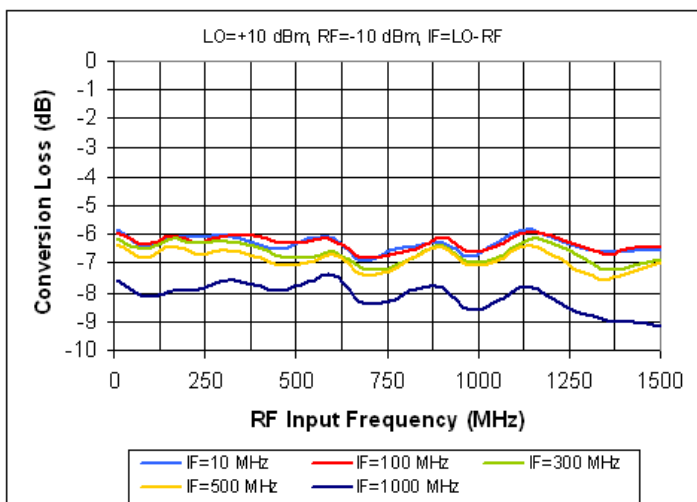
MECHANICAL OUTLINE: 133



TRIPLE BALANCED MIXER

MODEL SMD-CA185

PERFORMANCE PLOTS



TRIPLE BALANCED MIXER

MODEL SMD-CA185

PERFORMANCE PLOTS

