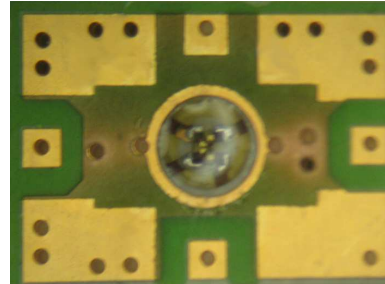


Datasheet

3-19 GHz

Features:

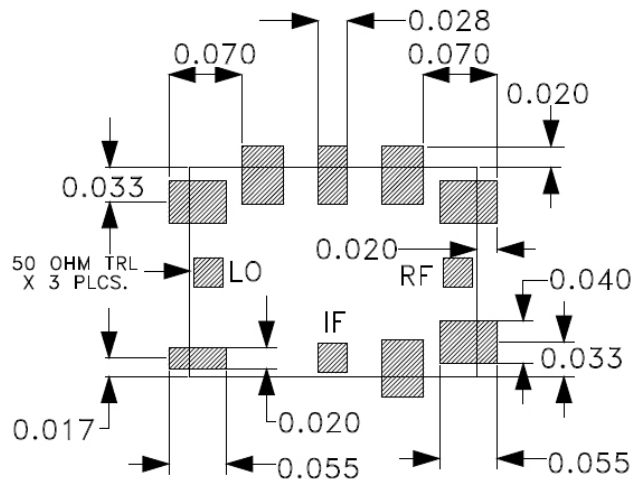
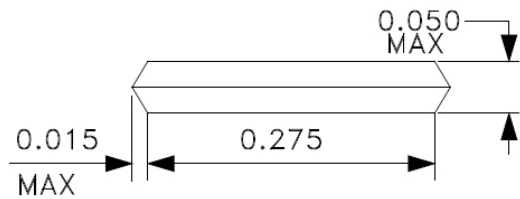
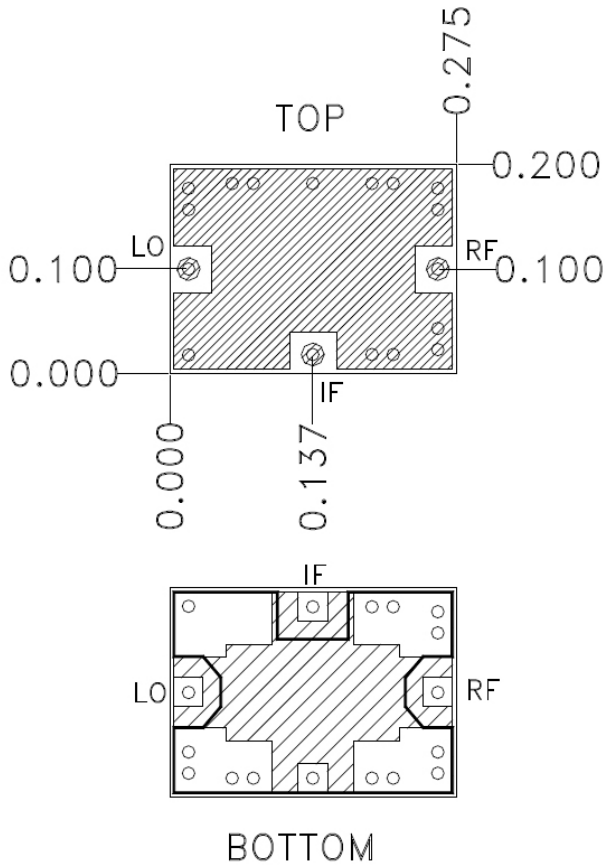
- ▶ ITAR-Free
- ▶ Excellent Performance
- ▶ Multi-Oktave Bandwidth
- ▶ Low Conversion Loss
- ▶ RoHS Compliant
- ▶ Schottky Diode Mixers



Applications:

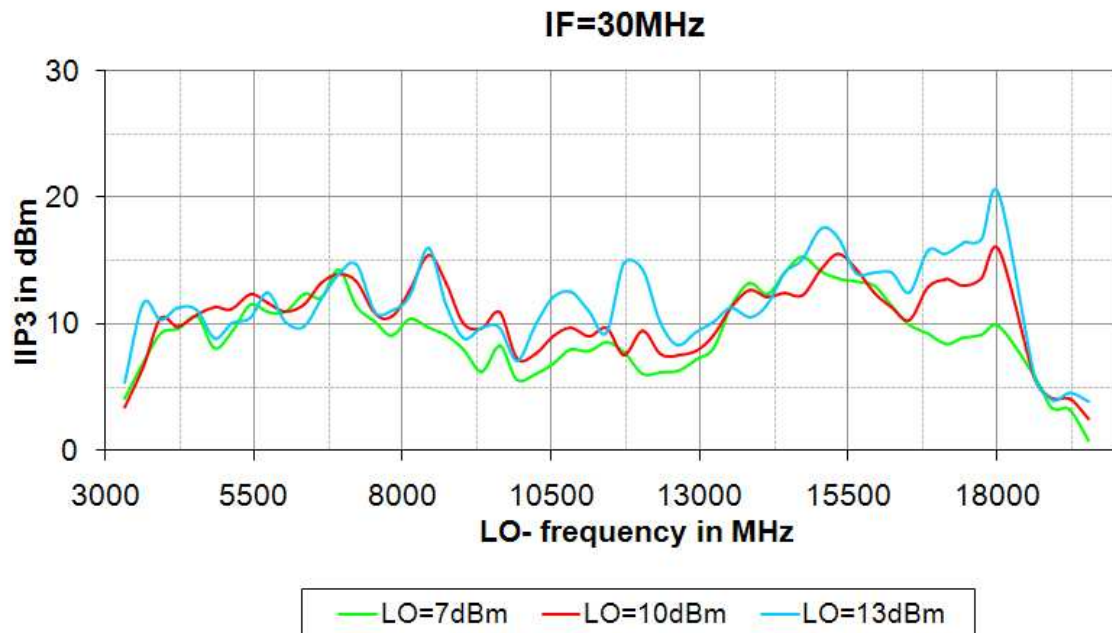
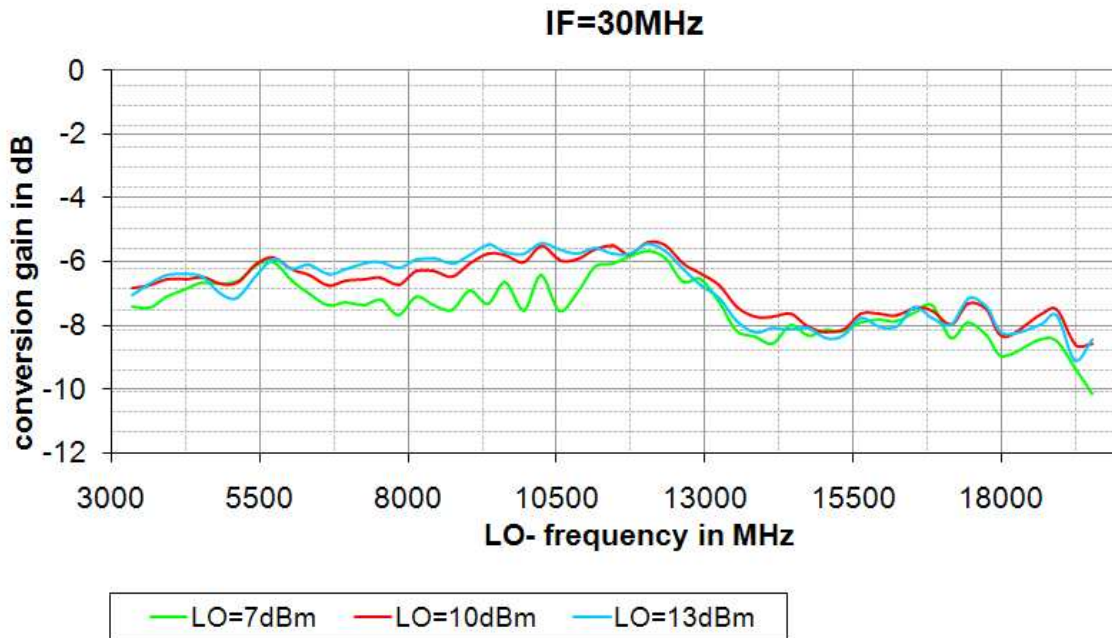
Specifications:	
Frequency Range	
	RF/LO: 3-19 GHz
	IF: 0-4GHz
Isolation(Typ./Min.)	
	LO/RF: 25 dB /17dB
	LO/IF: 10dB / 7 dB
	RF/IF: 20dB / 9dB
Conversion Loss(Typ.)	7.5dB
LO Power(Nom)	+10dBm
1 dB Compression Point(TYP.)	TBD
Input IP3(Nom.)	+10dBm
RF Input Power(Max.)	100 mW
Impedance(Nom.)	50 Ohm
Operating Temperature Range	-40 to +85°C

Outline Drawing:

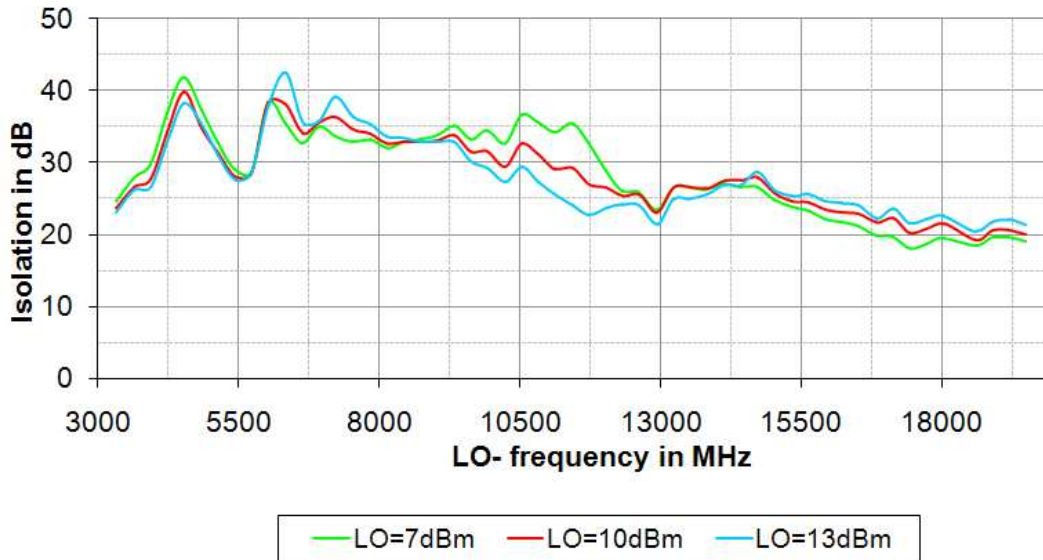


**RECOMMENDED
PCB LAYOUT**

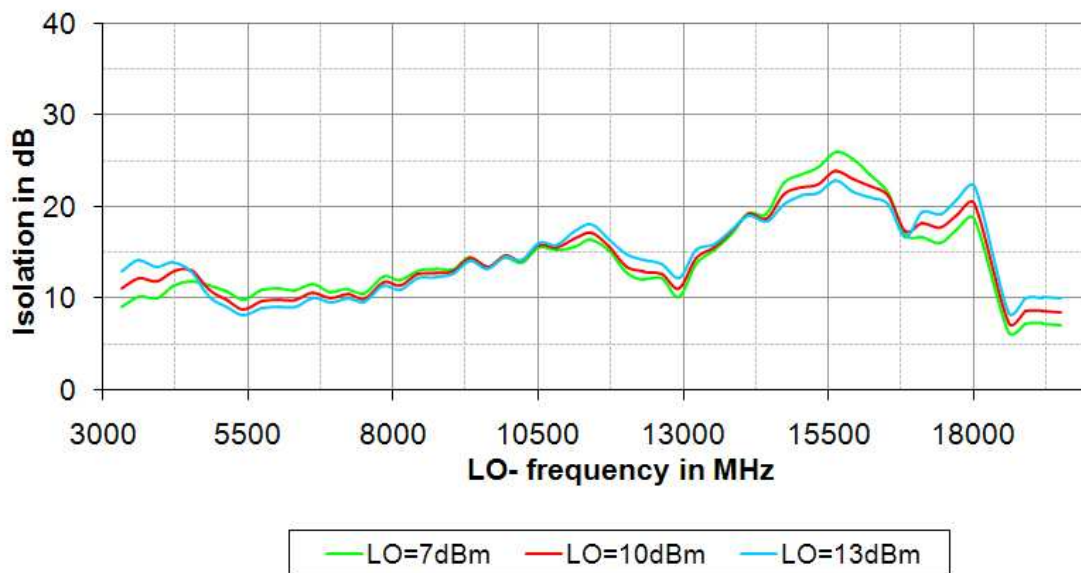
Performance Plots:



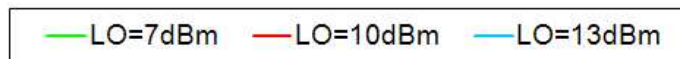
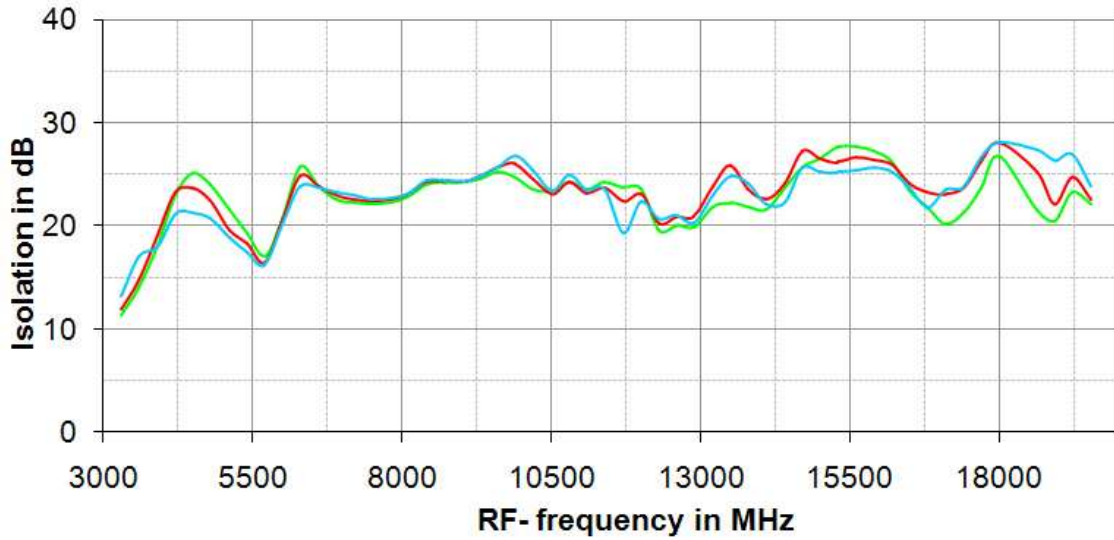
LR-ISOLATION



LI-ISOLATION



RI-ISOLATION



RF=7.8GHz, LO=10dBm

