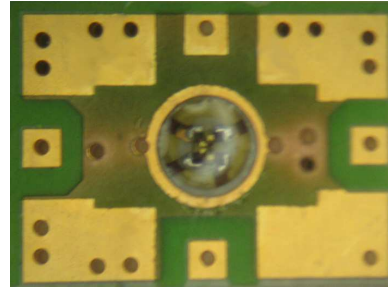


Datasheet

4-18 GHz

Features:

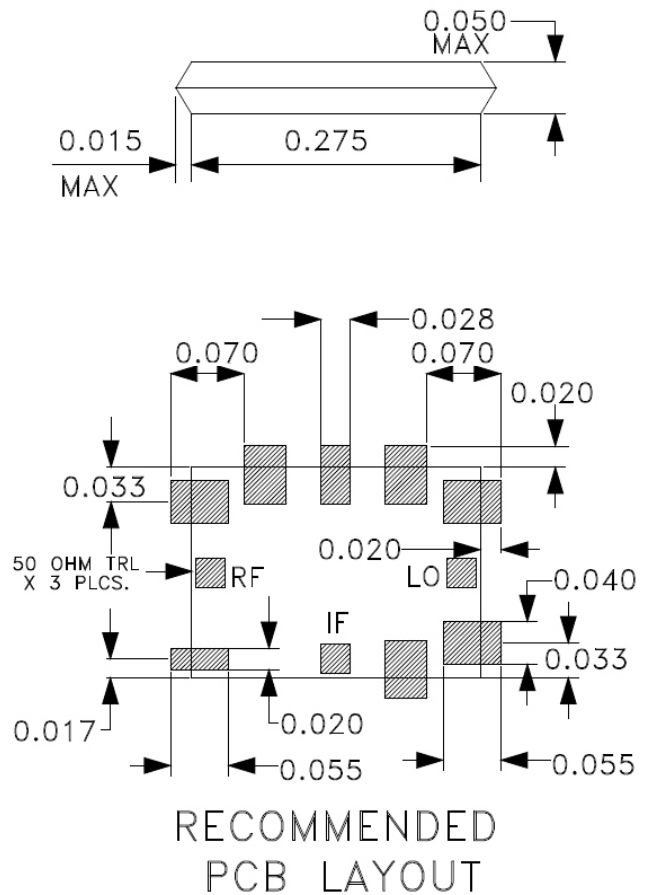
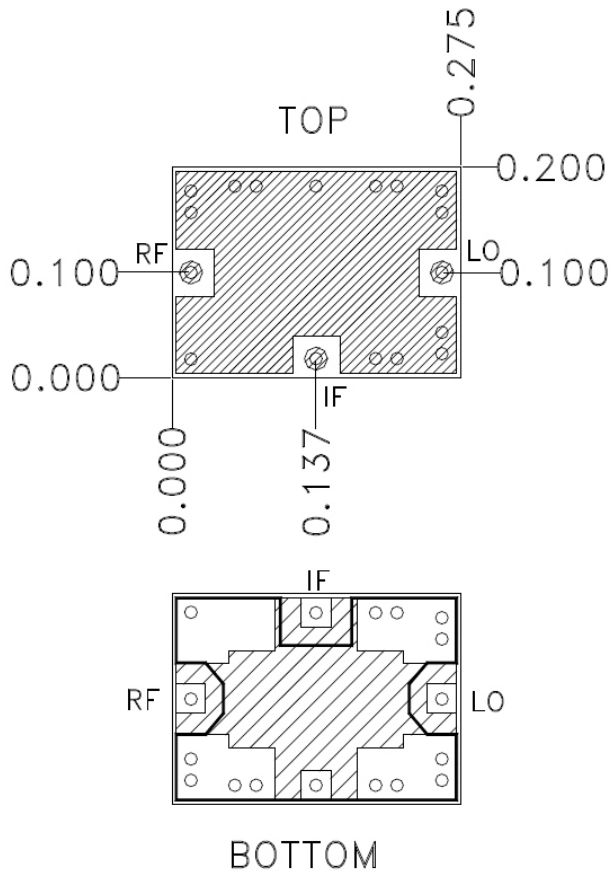
- ▶ ITAR-Free
- ▶ Excellent Performance
- ▶ Multi-Oktave Bandwidth
- ▶ Low Conversion Loss
- ▶ RoHS Compliant
- ▶ Schottky Diode Mixers



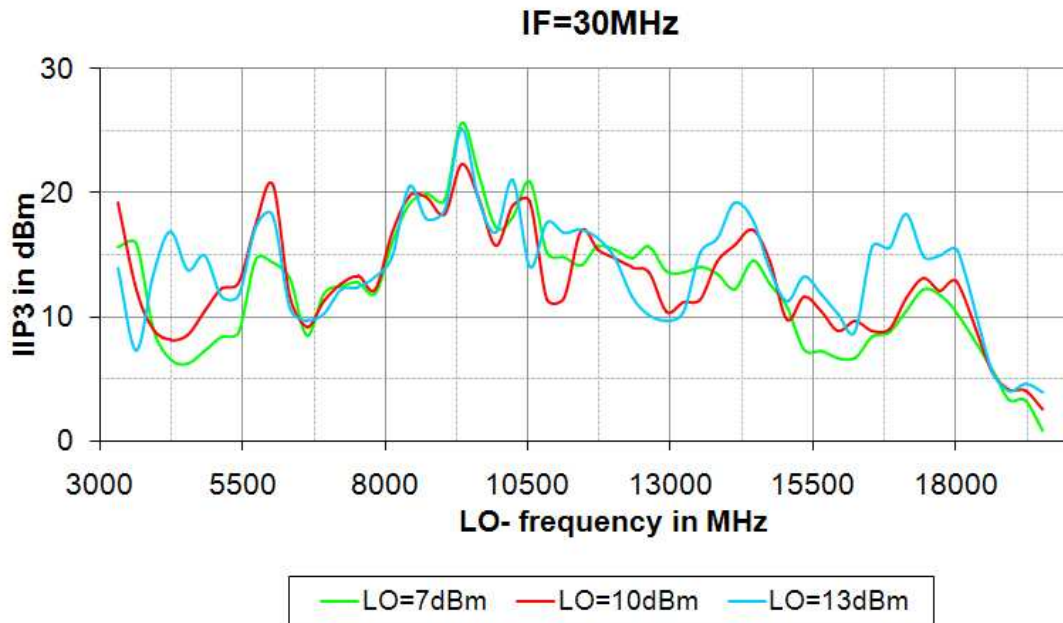
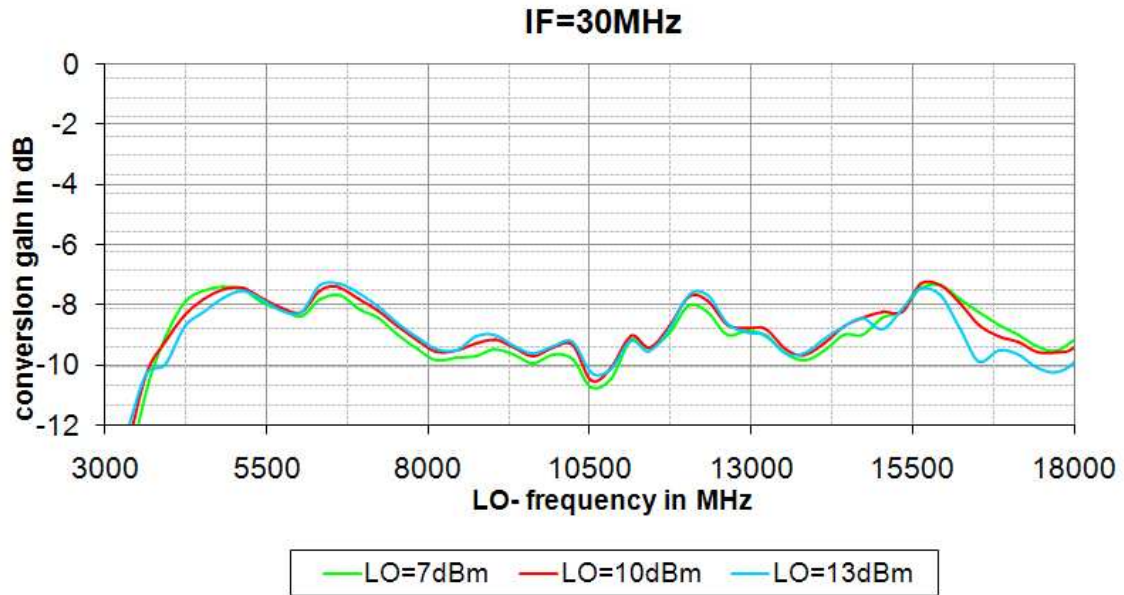
Applications:

Specifications:	
Frequency Range	
	RF/LO: 4-18 GHz
	IF: 0-2GHz
Isolation(Typ./Min.)	
	LO/RF: 25 dB/17dB
	LO/IF: 22dB/12 dB
	RF/IF: 15dB/7dB
Conversion Loss(Typ./Max.)	9dB/11dB
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

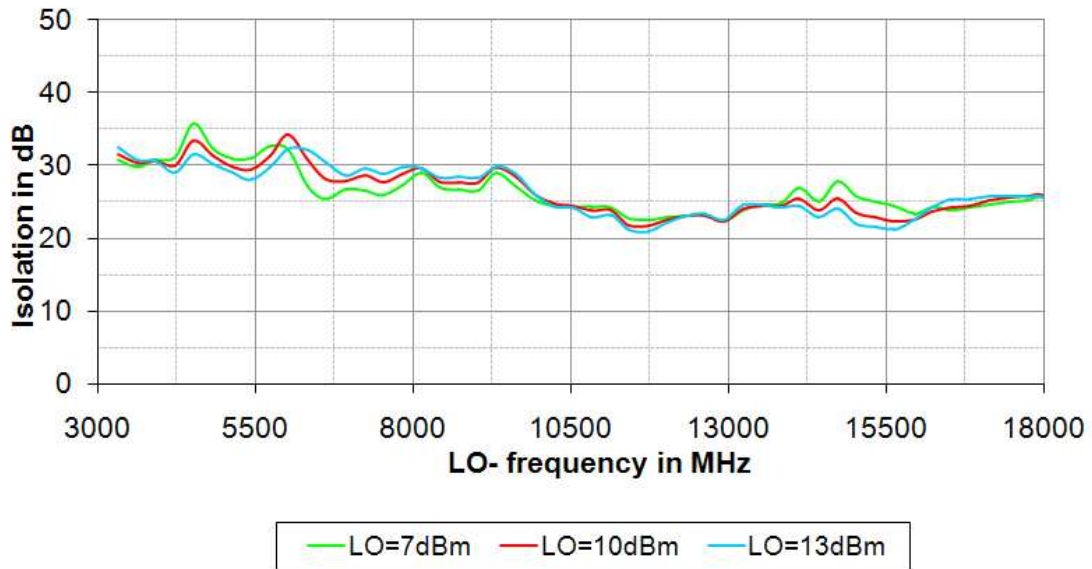
Outline Drawing:



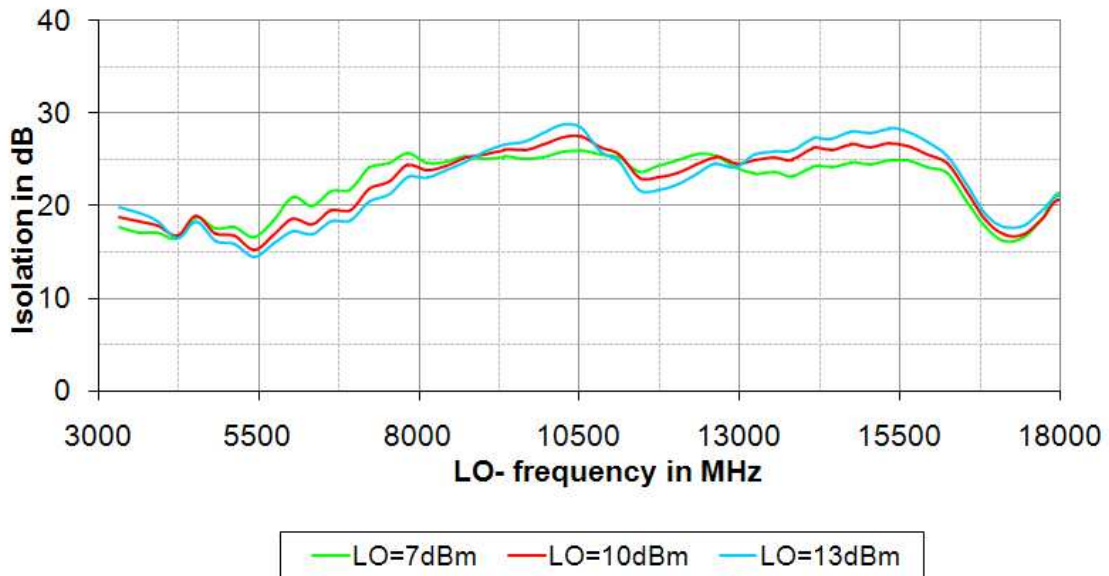
Performance Plots:



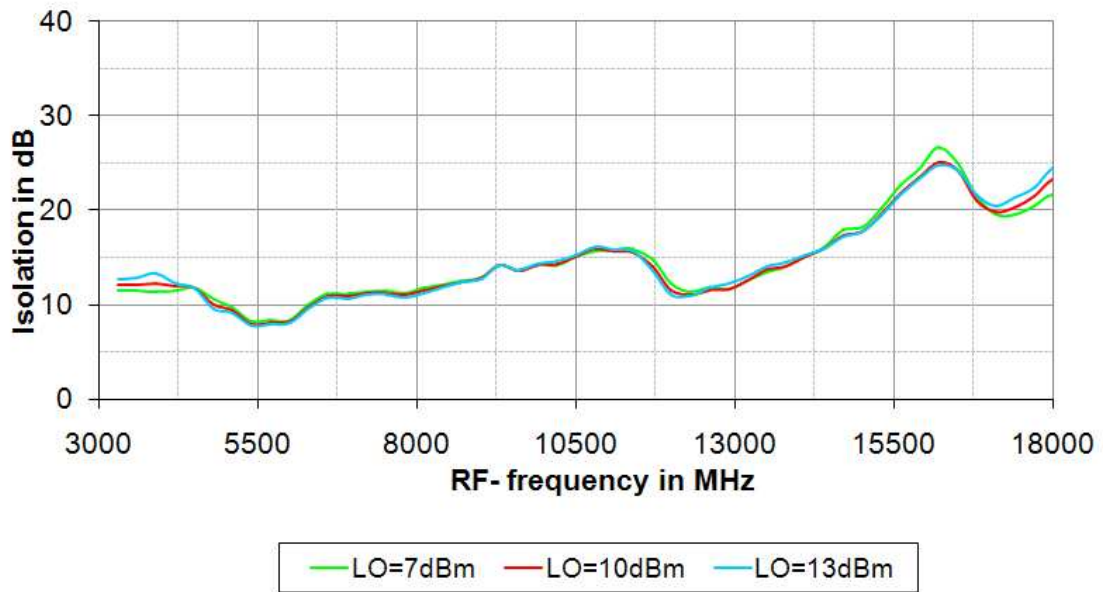
LR-ISOLATION



LI-ISOLATION



RI-ISOLATION



RF=7.0GHz, LO=10dBm

