

Surface Mount High Isolation Mixer 1300-1500 MHz

Package Style 20
XMFF2-20T1

Key Features

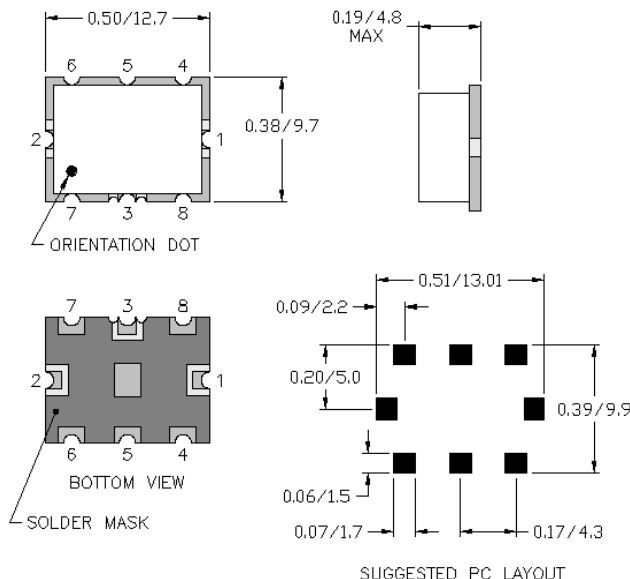
- High LO to RF Isolation
- LO Power +7 dBm
- Solder Reflow to 240°C

Guaranteed Specifications

Frequency Range			
RF	1300-1500	MHz	
LO	1300-1500	MHz	
IF	10-200	MHz	
Conversion Loss (dB)			
	TYP	MAX	
	7.5	8.0	
Isolation (dB)			
	TYP	MIN	
LO / RF	55	48	
LO / IF	30	25	
IP3 Input (dBm)			
	+12		
1 dBm Comp Point (dBm)			
	+2		
Impedance			
	50 Ohms	NOM	

Absolute Maximum Ratings

RF Power	+15 dBm
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 105°C



Dimensions are in inches/ mm

Unless Otherwise Noted: .xx = ± 0.02 / 0.50

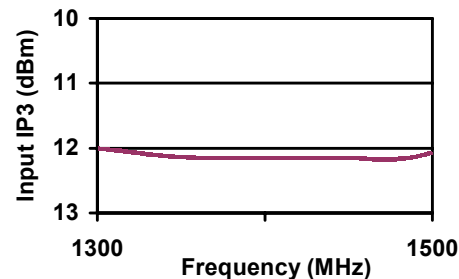
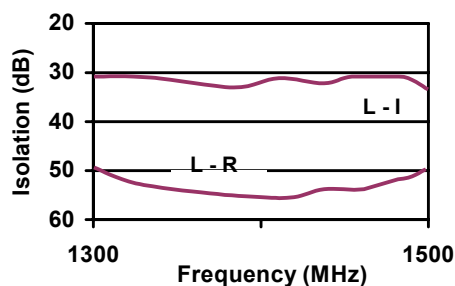
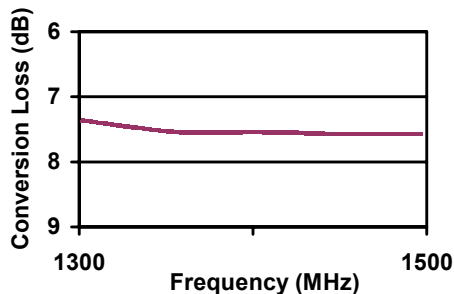
.xxx = ± 0.010 / 0.250

Pin Configuration

Function	Pin
LO	2
RF	1
IF	3
GND	all others

1. Specifications guaranteed in a 50 ohm test system
2. Specifications guaranteed as down conversion
3. Available in Tape and Reel

Typical Performance



Specifications Subject to Change Without Notice

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