

Surface Mount High Dynamic Range Mixer 1800-1920 MHz

**Package Style 20
XMFF7-20H1**

Key Features

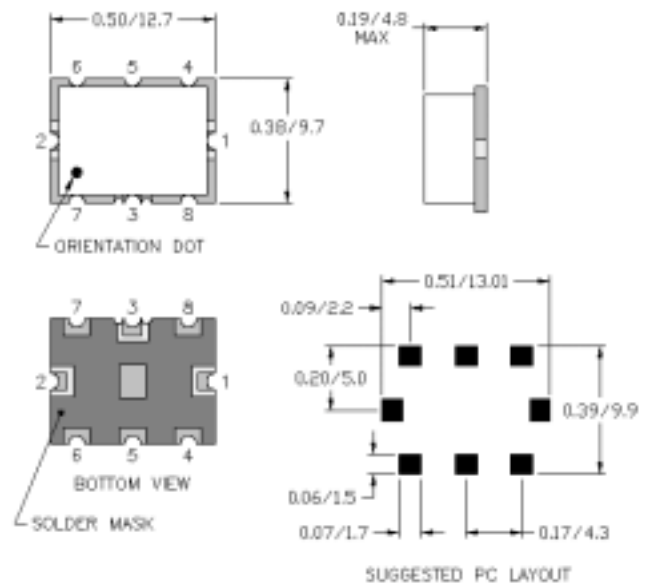
- IP3 +38 dBm
- LO Power +21 dBm
- Solder Reflow to 240°C

Guaranteed Specifications

Frequency Range		
RF	1800-1920	MHz
LO	1660-1780	MHz
IF	140	MHz
Conversion Loss (dB)		
	TYP	MAX
	7.0	8.0
Isolation (dB)		
	TYP	MIN
LO / RF	35	30
LO / IF	25	20
IP3 Input (dBm)		
	+38	+35
1 dBm Comp Point (dBm)		
	+15	
Impedance		
	50 Ohms	NOM

Absolute Maximum Ratings

RF Power	+20 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

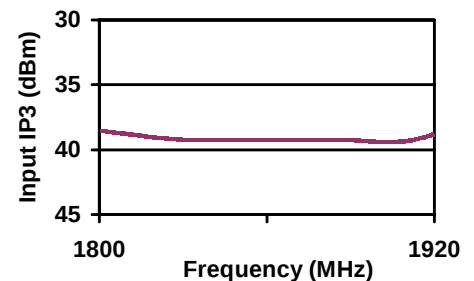
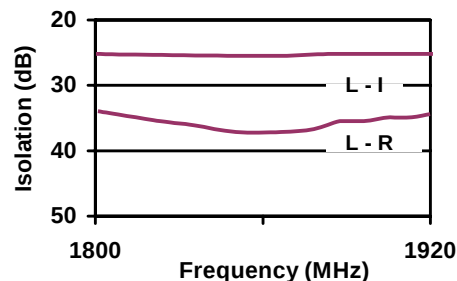
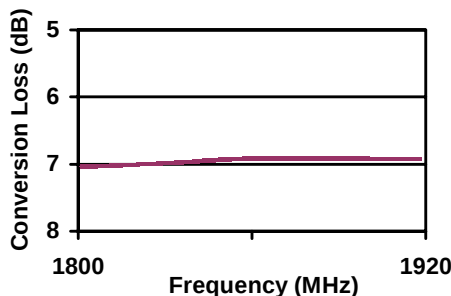
.xxx = ± 0.010 / 0.250

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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