

Surface Mount High Dynamic Range Mixer 1800-1920 MHz

Package Style 20
XMFF6-20H2

Key Features

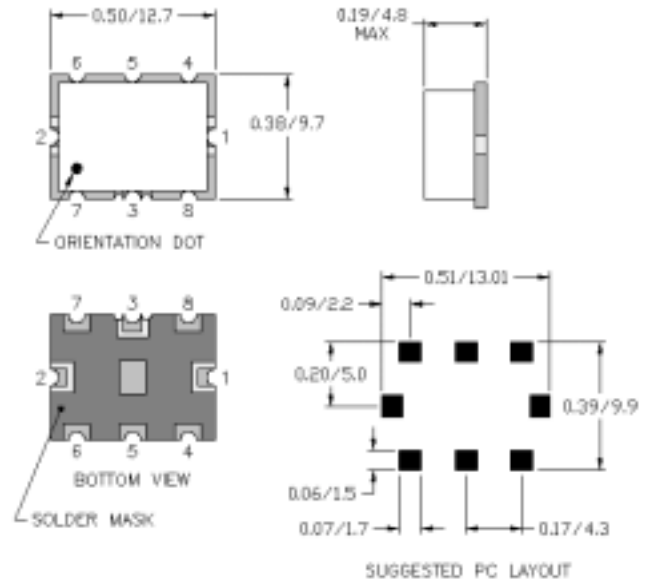
- * IP3 +35 dBm
- LO Power +17 dBm
- Solder Reflow to 240°C

Guaranteed Specifications

Frequency Range			
RF	1800-1920	MHz	
LO	1590-1710	MHz	
IF	210	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)			
	+35	+33	
1 dBm Comp Point (dBm)			
	+12		
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

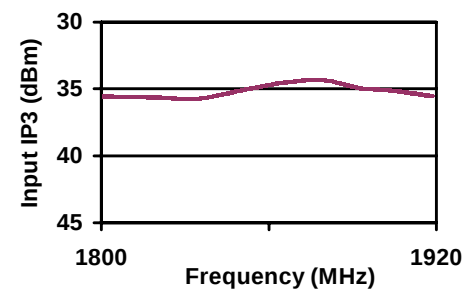
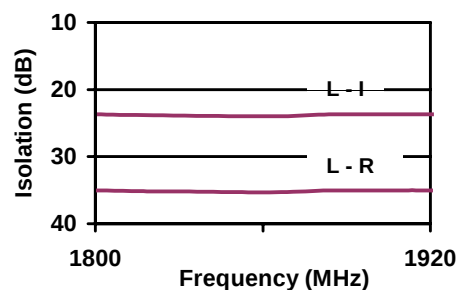
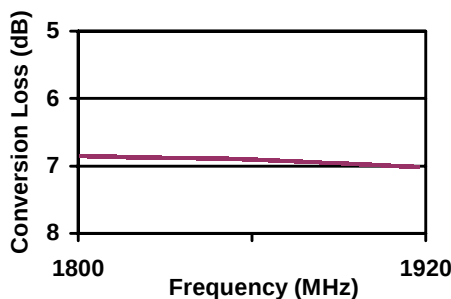
.xxx = ± 0.010 / 0.250

- * Enhanced IP3 available
- Specifications guaranteed in a 50 ohm test system
- Specifications guaranteed as down conversion
- Available in Tape and Reel

Pin Configuration

Function	Pin
LO	2
RF	1
IF	3
GND	all others

Typical Performance



Specifications Subject to Change Without Notice

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