

Surface Mount High Dynamic Range Mixer 820-850 MHz

**Package Style 20
XMEE7-20H1**

Key Features

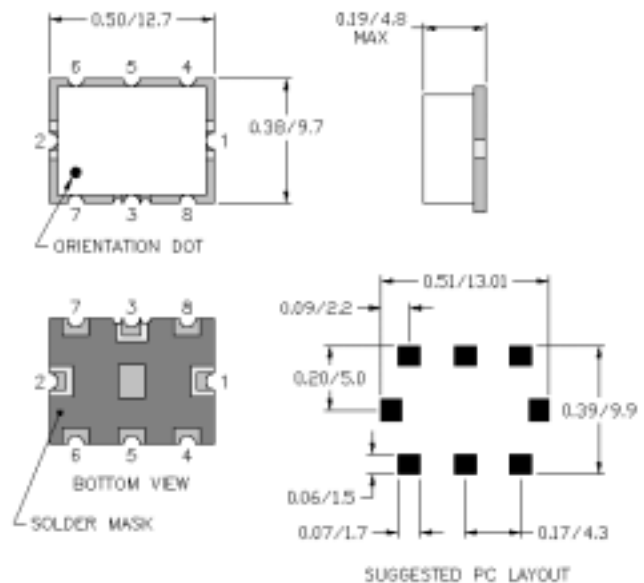
- IP3 +38 dBm
- LO Power +21 dBm
- Solder Reflow to 240°C

Guaranteed Specifications

Frequency Range			
RF	820-850	MHz	
LO	750-780	MHz	
IF	70	MHz	
Conversion Loss (dB)		TYP	MAX
		6.5	7.5
Isolation (dB)		TYP	MIN
LO / RF		40	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 = $\pm 0.02 / 0.50$

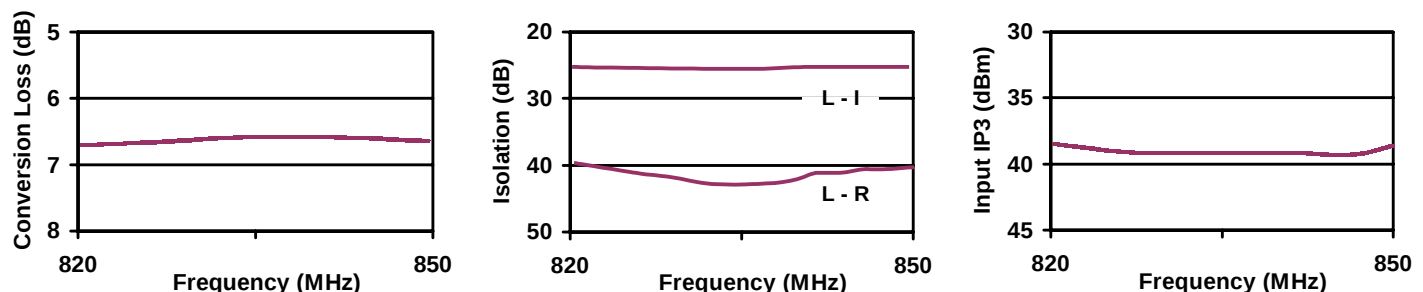
.xxx = $\pm 0.010 / 0.250$

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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