

Surface Mount High Dynamic Range Mixer 1800-1920 MHz

Package Style 20
XMFF6-20H1

Key Features

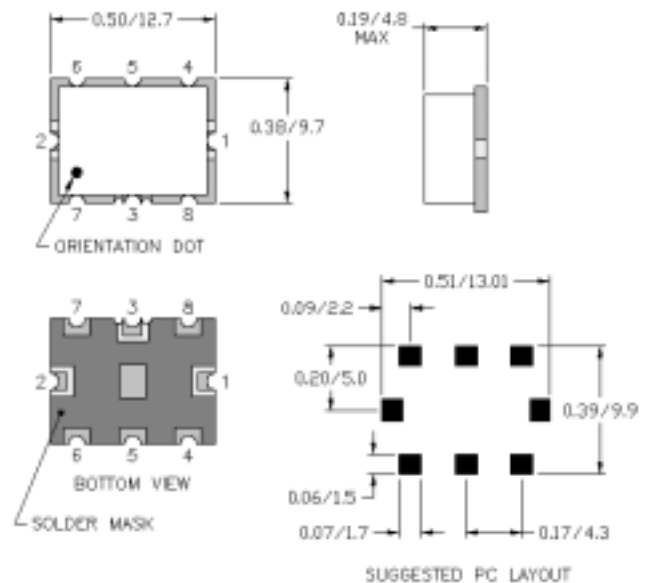
- * IP3 +37 dBm
- LO Power +17 dBm
- Solder Reflow to 240°C

Guaranteed Specifications

Frequency Range		
RF	1800-1920	MHz
LO	1660-1780	MHz
IF	140	MHz
Conversion Loss (dB)		
	TYP	MAX
	6.5	7.5
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

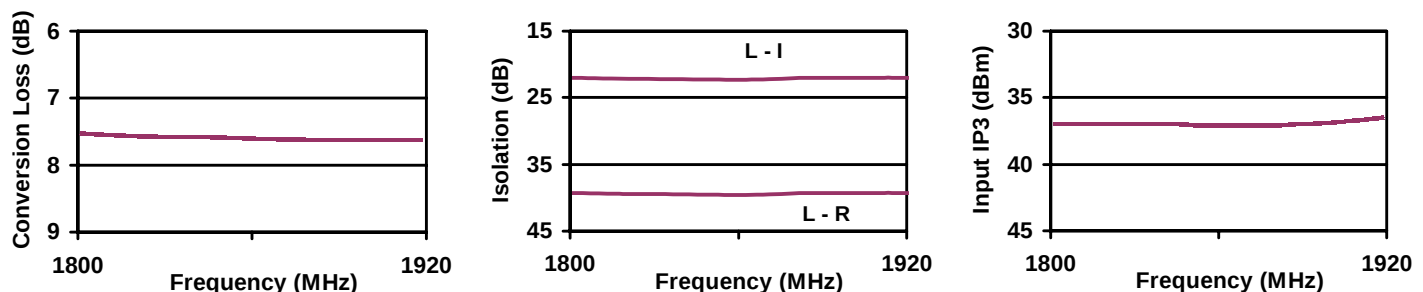
.xxx = ± 0.010 / 0.250

- * 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

SV Microwave Commercial Products Group, Inc.
7247 Bryan Dairy Road
Largo, FL 33777

Tel (727) 541-5800

www.svmicrowave.com

Fax (727) 541-5869