

Surface Mount High Dynamic Range Mixer 1800-1920 MHz

**Package Style 20
XMFF7-20H3**

Key Features

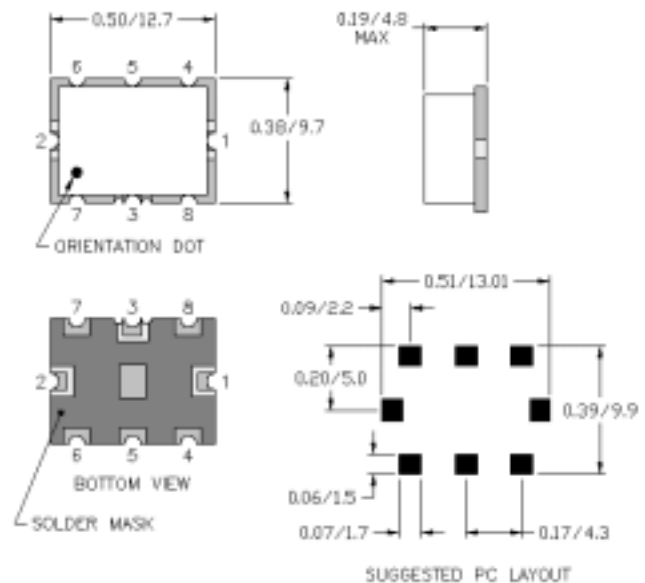
- IP3 +38 dBm
- LO Power +21 dBm
- Solder Reflow to 240°C

Guaranteed Specifications

Frequency Range		
RF	1800-1920	MHz
LO	1530-1650	MHz
IF	270	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

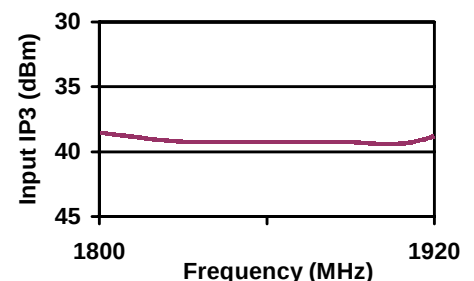
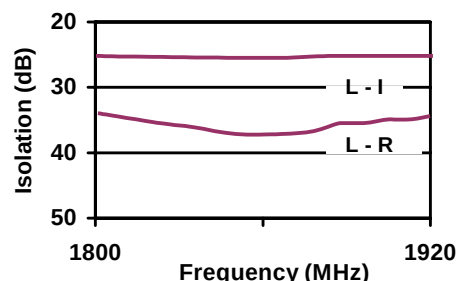
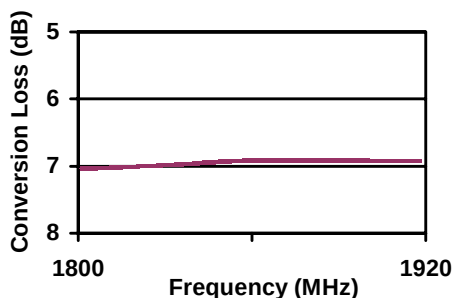
.xxx = ± 0.010 / 0.250

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

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

Tel (727) 541-5800

www.svmicrowave.com

Fax (727) 541-5869