

Surface Mount High Dynamic Range Mixer
3400-3600 MHz, Upconverter, High IP3

Package Style 20
XMGG7-20B3

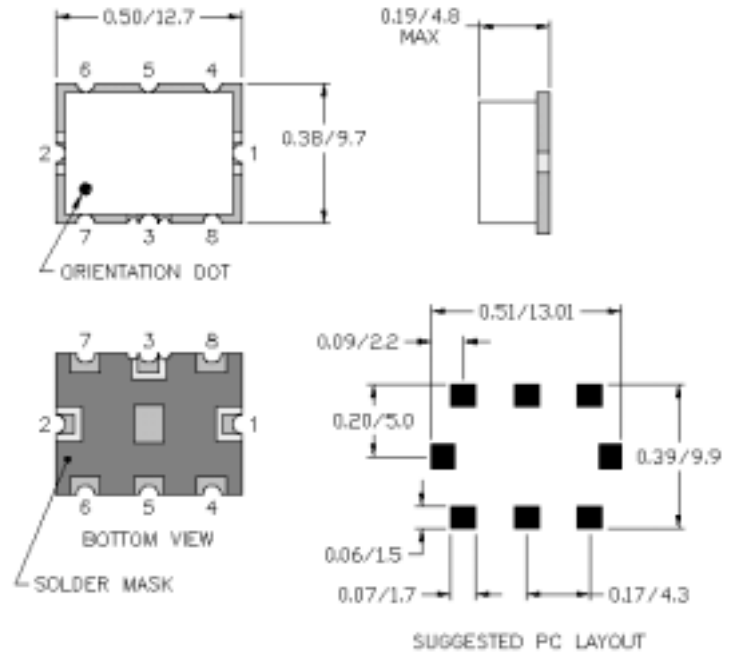
Key Features

- IP3 +34 dBm
- LO Power +21 dBm
- Solder Reflow to +240°C

Guaranteed Specifications

Frequency Range			
RF output	3400-3600	MHz	
LO input	2000	MHz	
IF input	1400-1600	MHz	
Conversion Loss (dB)			
	TYP	MAX	
	7.0	8.0	
Isolation (dB)			
	TYP	MIN	
LO / RF	27	25	
LO / IF	36	30	
IP3 Input (dBm)			
	+32	+30	
1 dBm Comp Point (dBm)			
	+15		
Impedance			
	50 Ohms	NOM	
Absolute Maximum Ratings			
RF Power	+23 dBm		
Operating Temperature	-40°C to 85°C		
Storage Temperature	-55°C to 105°C		

1. Specifications guaranteed in a 50 ohm test system
2. Specifications guaranteed as up conversion
3. Available in Tape and Reel



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	3
IF	1
GND	all others

Typical Performance

