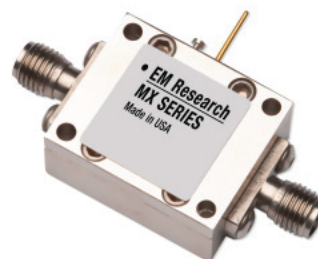


FEATURES

- x2, x4, x6, x8 or x10 Multipliers Available
- Output up to 40 GHz (In-Bands)
- Ruggedized, Modular-Mount Package (1.3" x 1.1" x 0.4")
- Removeable SMA Connectors for Surface-Mountability
- Extreme Shock and Vibration Tolerance
- Optionally Hermetically-Sealed per MIL-STD-883



Custom Designs Available

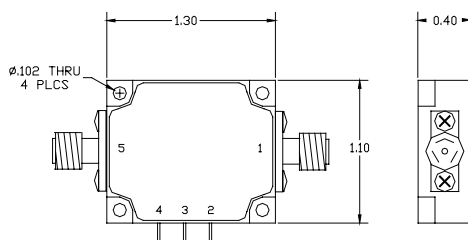


SPECIFICATIONS

Frequency Output.....	up to 40 GHz (In-Bands)	Package Size.....	1.3" x 1.1" x 0.4"
Conversion Gain.....	+7 dB (Nominal)		(33 x 27.9 x 10.2)mm
RF Input Level	up to +10 dBm	Temperature Ranges (Operating)	
RF Output Level	up to +10 dBm	Standard.....	-30°C to +70°C
Output / Input Isolation	>20 dB	Other Available Ranges.....	-40°C to +85°C
Harmonics	<-30 dBc		
Subharmonics.....	<-60 dBc (½ & ⅔) Fout		
Spurs	<-80 dBc		
Phase Noise	Input Phase Noise +23 dBc		
Supply Options	+3.3, +5, +8, +12 VDC		
Regulation	Internal		
Current.....	≤150 mA		

Note: All specifications are typical unless otherwise specified and subject to change without notice. Not all performance parameters are available in combination with certain specifications. E.G. Not all power output levels are available at all frequency ranges.

PACKAGE OUTLINE



Notes:

1. Includes removeable SMA connectors for drop-in, surface-mountability.
2. Glass bead pins for DC connectors.
3. All dimensions are in inches unless otherwise specified.
4. Diagrams and pictures shown are examples only.

MX Series_SMA_Product Overview Datasheet, Rev A, 8.9.12