

M10X Series

PRODUCT SERIES OVERVIEW

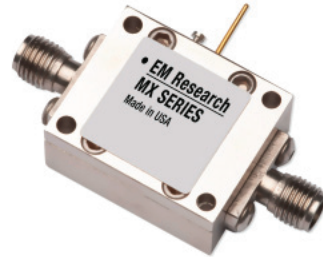
Connectorized, x10 Frequency Multiplier
10 MHz (Input), 100 MHz (Output)

FEATURES

- 10 MHz Input to 100 MHz Output (x10 Multiplication)
- Ruggedized, Modular-Mount Package (1.3" x 1.1" x 0.4")
- Removeable SMA Connectors for Surface-Mountability
- Extreme Shock and Vibration Tolerance



Custom Designs Available

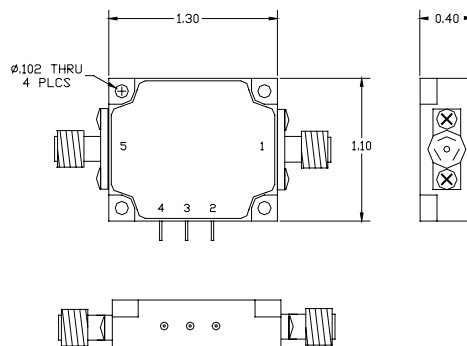


SPECIFICATIONS

Frequency Input.....	10 MHz	Package Size.....	1.3" x 1.1" x 0.4"
Frequency Output.....	100 MHz		(33 x 27.9 x 10.2)mm
Conversion Gain.....	+3 dB		
RF Input Level	up to +10 dBm	Temperature Ranges (Operating)	
RF Output Level	up to +10 dBm	Standard.....	-30°C to +70°C
Harmonics	<-20 dBc	Other Available Ranges.....	-40°C to +85°C
Spurs	<-60 dBc		
Supply Options	+3.3, +5 VDC		
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.

M10X Series_SMA_Product Overview Datasheet, Rev A, 8.9.12

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