

Electrical Specifications

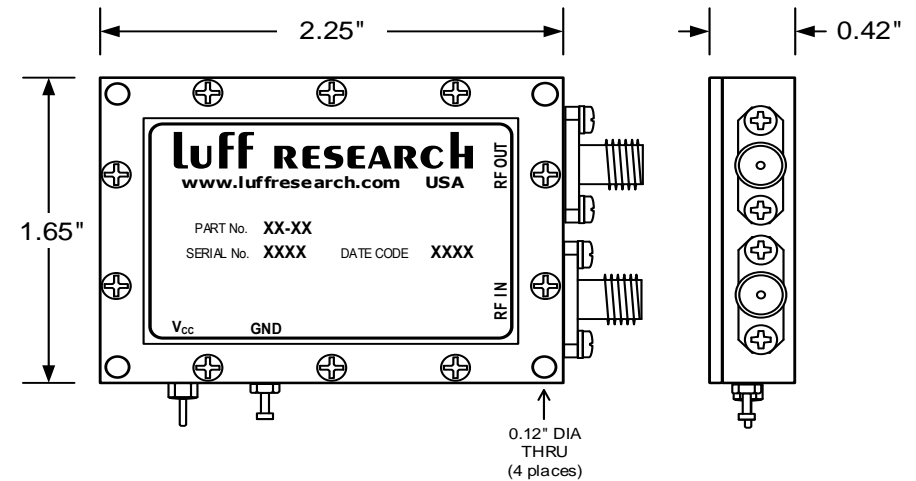
Model	MX-21	MX-22	MX-23	MX-41
Function	x2	x2	x2	X4
Outline Drawing	A	B	B	A
Input Frequency	4 - 13 GHz	11.5 - 16 GHz	9 - 14 GHz	5.75 - 8.5 GHz
Input Power (typ.)	+6 dBm	+4 dBm	+4 dBm	+6 dBm
Output Frequency	8 - 26 GHz	23 - 32 GHz	18 - 28 GHz	23 - 34 GHz
Output Power (typ./min. @ 25°C)	+15/13 dBm	+15/13 dBm	+15/13 dBm	+15/13 dBm
Power Variation (typ.)	±2 dB	±2 dB	±2 dB	±2 dB
Harmonics/Sub-Harm. (typ.)	-20 dBc	-20 dBc	-20 dBc	-20 dBc
DC Power				
+5.5 VDC ±0.5 VDC	130 mA	100 mA	100 mA	225 mA

Mechanical Specifications

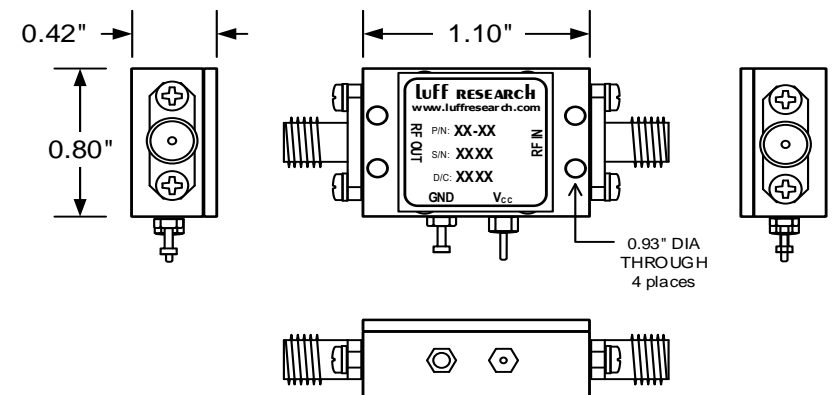
Input Connector	SMA (F)	SMA (F)	SMA (F)	SMA (F)
Output Connector	SMA (F)	2.92mm (F)	2.92mm (F)	2.92mm (F)

Environmental Specifications

Operating Temp. (surface)	-10°C to 70°C
Storage Temp.	-40°C to 85°C
Relative Humidity (non-condensing)	90%RH @ 40°C
Shock	30G / 10ms
Vibration	4 G / 20 Hz - 20 kHz



Outline Drawing A.



Outline Drawing B.

luff RESEARCH, inc.

luffresearch.com | 20 N. Tyson Ave. Floral Park, NY 11001

Product Data Sheet

Frequency Multipliers

MX-XX

March 16, 2018