

MULTIPLIER MX-21 SPECIFICATIONS

Input Frequency

Frequency Input (typ):	4 - 13 GHz
Power Input (typ):	+6 dBm

Output Frequency

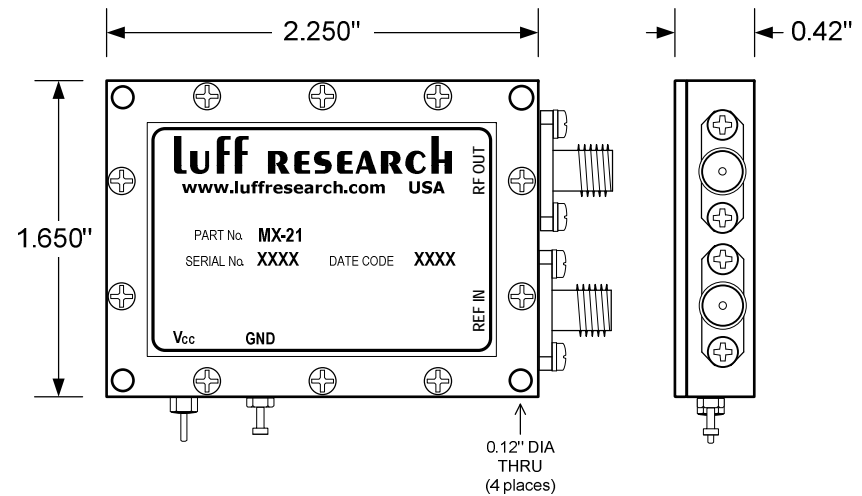
Frequency Output (typ.):	8 - 26 GHz
Power output @ 25°C:	+13 dBm (min) / +16 dBm (typ.)
Power variation (freq. & temp.) (typ.):	±2 dB
Harmonics / Sub-Harmonics (typ.):	-20 dBc
Phase Noise (typ.): L(100 kHz)	-130 dBc/Hz

DC Power

+5.5 Vdc ±0.5 Vdc (typ.)	100 mA
--------------------------	--------

Environment

Operating temperature range (surface):	-10°C to 70°C
Storage temperature range:	-40°C to 85°C
Relative humidity (non-condensing):	90%RH @ 40°
Shock:	30 G / 10msec
Vibration:	4 G / 20 Hz - 20 kHz



luff RESEARCH, inc.

FLORAL PARK, NY

PHONE: (516) 358-2880 FAX: (516) 358-2757

PRODUCT DATA SHEET

x2 Frequency Multiplier

Model: MX-21

03/26/14