

### MULTIPLIER MX-22 SPECIFICATIONS

#### Input Frequency

Frequency Input (typ.):	11.5 - 16 GHz
Power Input (typ.):	+4 dBm

#### Output Frequency

Frequency Output (typ.):	23 - 32 GHz
Power output (typ.) @ 25°C:	+15 dBm
Power variation (freq. & temp.) (typ.):	±2 dB
Harmonics / Sub-Harmonics (typ.):	-20 dBc
Phase Noise (typ.): L(100 kHz)	-130 dBc/Hz

#### DC Power

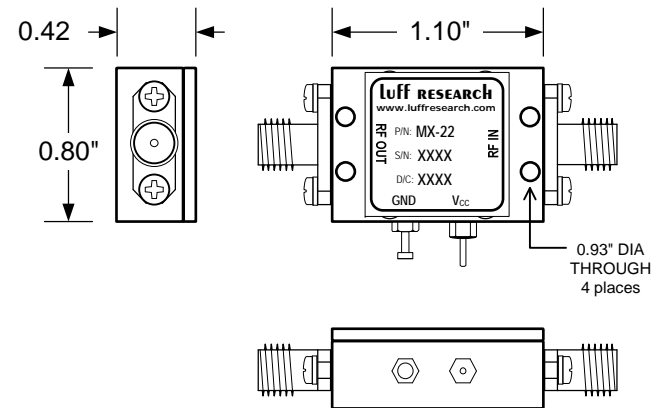
+5.5 Vdc ±0.5 Vdc (typ.)	100 mA
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#### Mechanical

Input connector:	SMA (F)
Output connector:	Precision SMA (F)
DC connection:	Filtered Feed Through

#### 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



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PRODUCT DATA SHEET		
x2 Frequency Multiplier		
Model: MX-22		03/26/14