

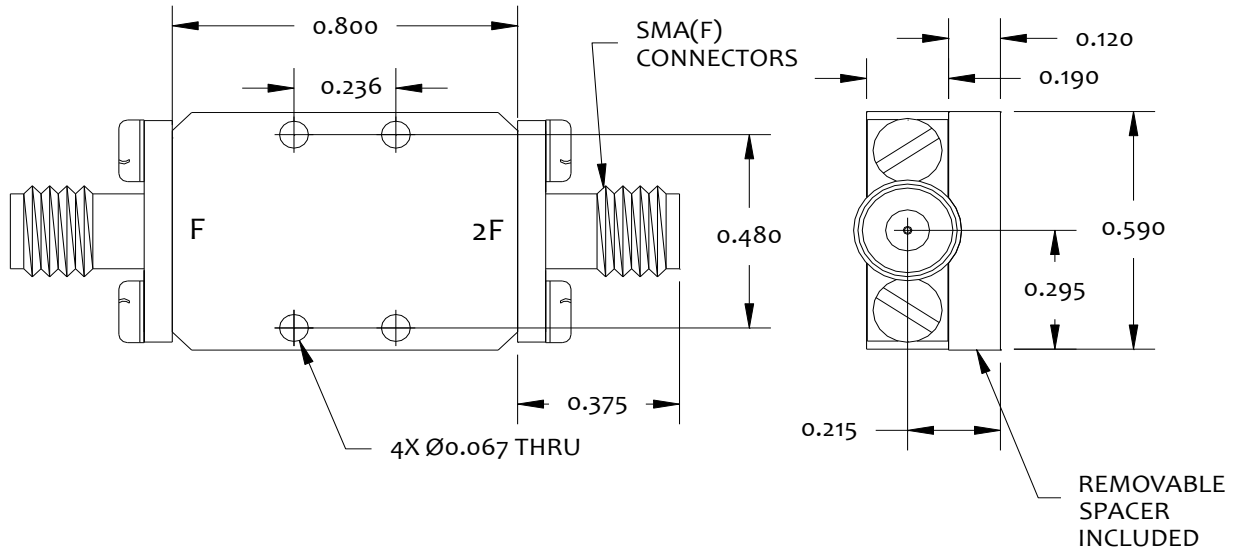
FREQUENCY DOUBLER

1.5 to 5.0 GHz

D1550LL

ABSOLUTE MAXIMUM RATING:

Operating Temperature: -55°C to +125°C
 Storage Temperature: -65°C to +150°C
 Peak Input Power for any Single Port: +23 dBm Peak @ 25°C
 Peak Input Current @ 25°C: 100 mA



Parameters	SPECIFICATION				UNITS
	MIN (dB)	TYPICAL (dB)	MAX (dB)		
INPUT FREQ	1.5		5.0		GHZ
OUTPUT FREQ	3.0		10.0		GHZ
CONVERSION LOSS		10.5	11.5		dB
INPUT POWER		+10	+13		dBm
FUNDAMENTAL ISOLATION	25	35			dB
THIRD HARMONIC SUPPRESSION	25	30			dBc

NOTES:

1. Typical values are measured at +25°C and are not guaranteed
2. Fundamental Isolation is referenced to the input signal
3. Third harmonic suppression is referenced to the output signal