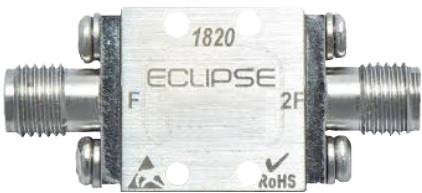


D4090M Frequency Doubler

4.0 to 9.0 GHz



Technical Characteristics

Absolute Maximum Ratings	
Operating Temperature:	-55 °C to +125° C
Storage Temperature:	-65 °C to +150° C
Pk Power For Any Single Port	+23 dBm Peak @ +25°C
Peak Input Current @ +25°C	100 mA

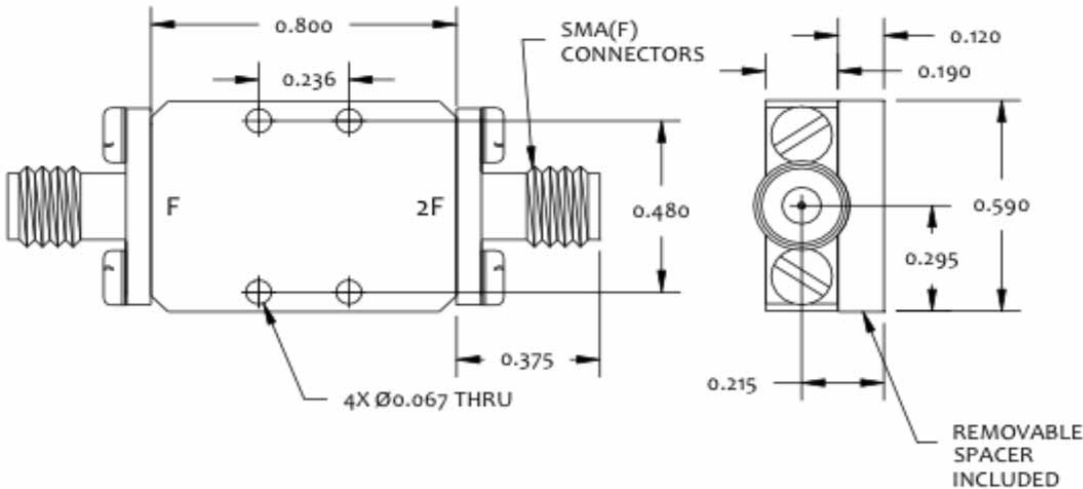
Applications	
Electronic Warfare	Wide Frequency Band
Point-to-Point Radio	VSAT Radios

Specifications @ +25°

Electrical Specification

Parameters	Min.	Typical	Max.	Units
Input Frequency	4.0		9.0	GHz
Output Frequency	8.0		18.0	GHz
Conversion Loss		10.5	12.0	dB
Input Power		16.0	19.0	dBm
Fundamental Isolation	23.0	30.0		dB
3rd Harmonic Suppression	22.0	30.0		dBc

Outline drawing



Product Export Classification
ECCN: EAR 99 (unless otherwise specified)
HTS: 8541.10.0060

