# **D2010M Frequency Doubler**

2.0 to 10.0 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		

### **Product Export Classification**

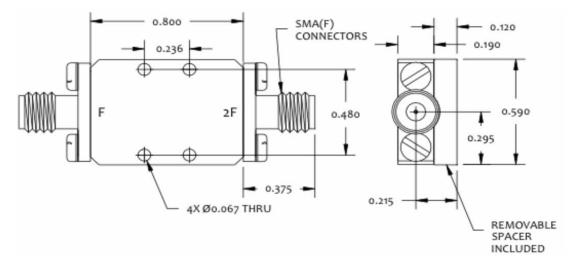
ECCN: EAR 99 (unless otherwise specified) HTS: 85543.70.8000

Specifications @ +25°C

## **Electrical Specifications**

Parameters	Min.	Typical	Max.	Units
Input Frequency	2.0		10.0	GHz
Output Frequency	4.0		20.0	GHz
Conversion Loss		10.0	12.0	dB
Input Power		16.0	19.0	dBm
Fundamental Isolation	25.0	30.0		dB
3rd Harmonic Suppression	20.0	30.0		dBc

#### Outline drawing









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