



# 1-18 GHz Power Limiter

## Features

- Ultra Wide Band Operation 1-18GHz
- Passive, High Isolation Limiter
- Low Insertion Loss and Good Return Loss
- High Power Handle Capability up to 6W
- Customization available upon request



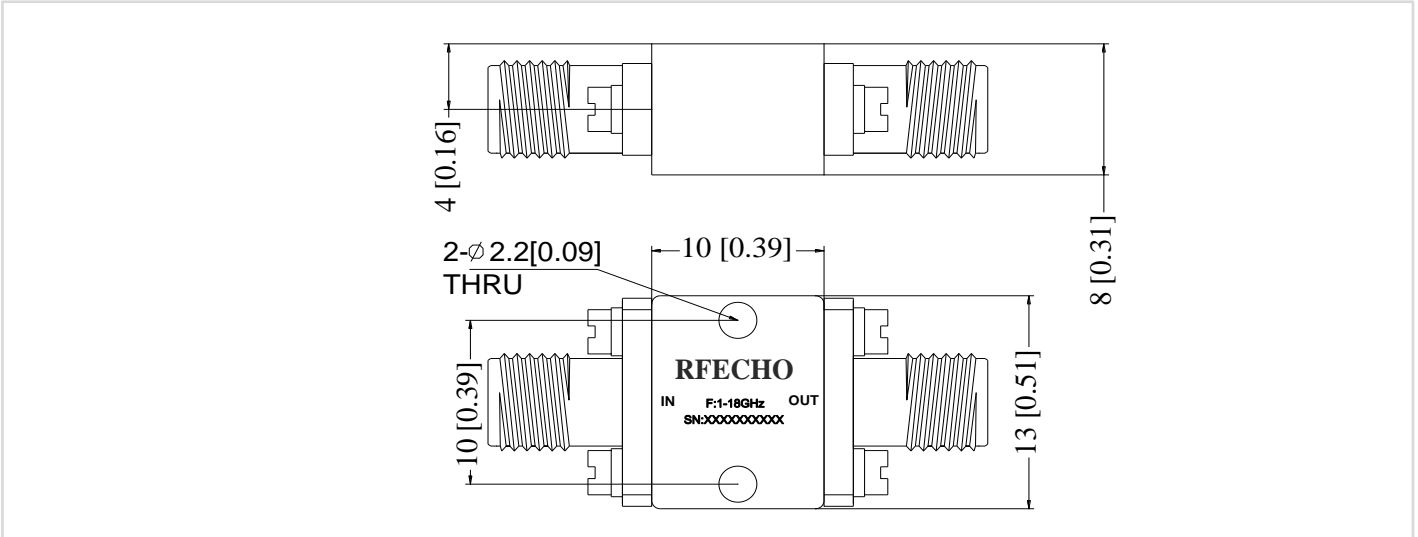
Parameters	Min.	Typ.	Max.	Units
Frequency Range	1		18	GHz
CW Input Power			6	CW
Peak Power(30us with 5% duty cycle)			20	W
Insertion Loss		1.8	2.2	dB
VSWR		1.6	2.0	
Flat Leakage		19	21.5	dBm
Peak Power Leakage			30	dBm
Weight	0.35			Ounces
Input / Output Connector	SMA-Female			
Material	Aluminum			
Finishing	Gold Plating			

## Environmental Specifications

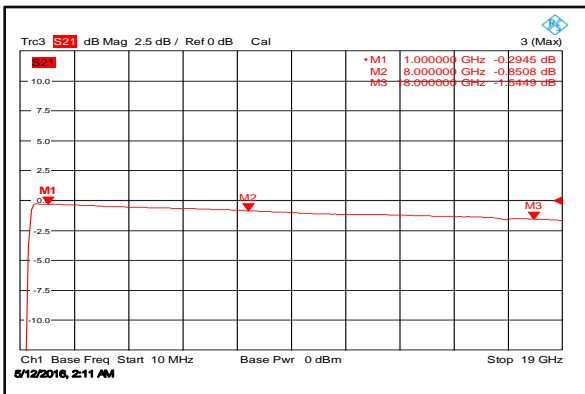
Operational Temperature (°C)	-45 to +85
Storage Temperature (°C)	-55 to +125
Altitude	35,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) ( Optional )
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions



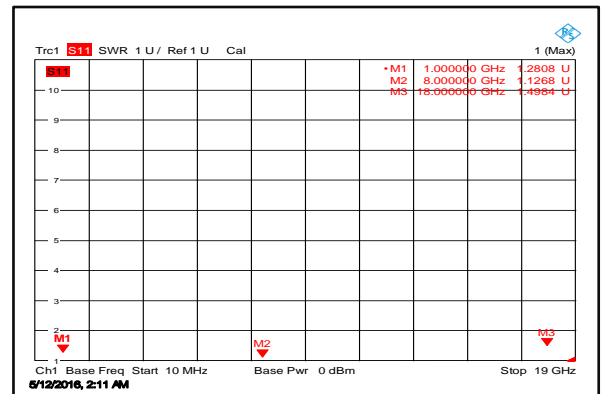
All Dimensions in mm ( inches ) Tolerance  $\pm 0.15$  ( 0.006 )



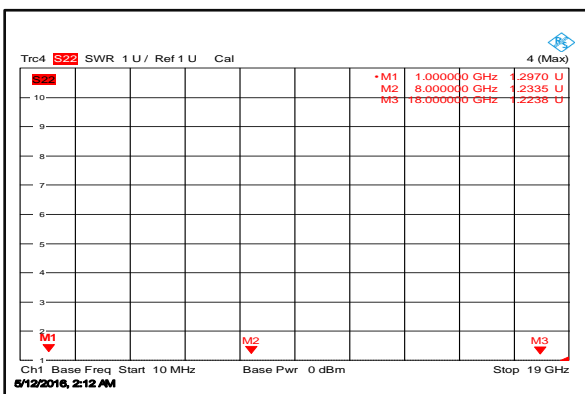
### Insertion Loss



### Input VSWR



### Output VSWR



### Flat Leakage

