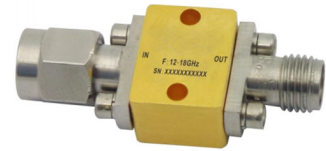




12-18GHz Power Limiter

Features

- Wide Band Operation 12-18GHz
- 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	12		18	GHz
CW Input Power			6	CW
Peak Power(30us with 5% duty cycle)			20	W
Insertion Loss		1.8	2.2	dB
VSWR		1.5	1.8	: 1
Flat Leakage		15	17	dBm
Peak Power Leakage			30	dBm
Weight	0.35			Ounces
Input / Output Connectors	SMA-Male/SMA-Female			
Material	Aluminum			
Finishing	Gold Plating			

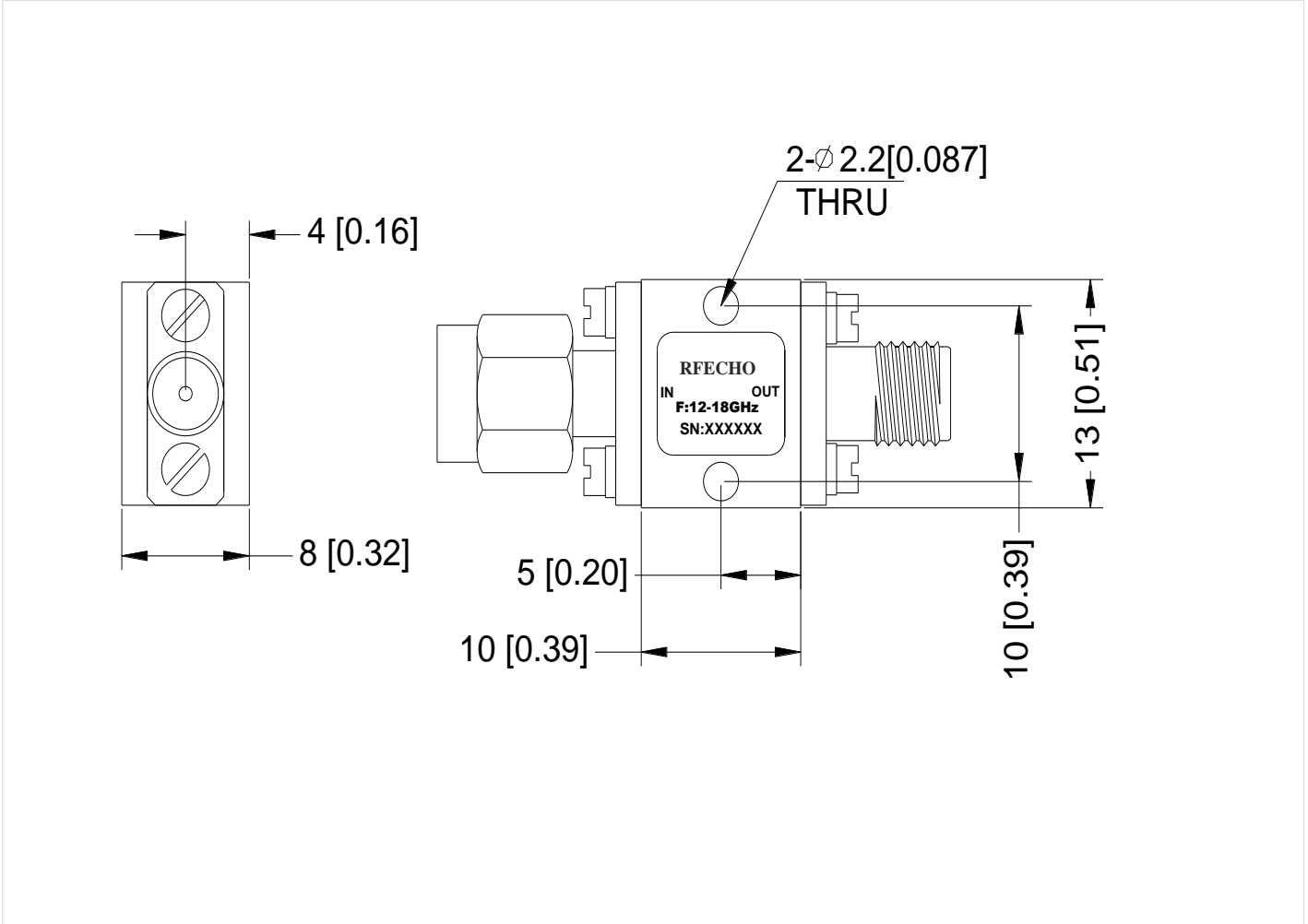
Environmental Specifications

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

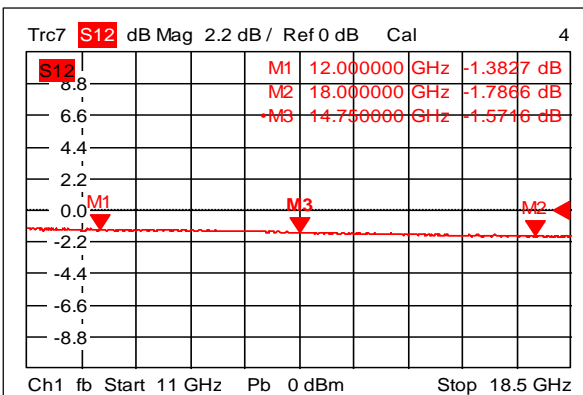


Outline Drawing:

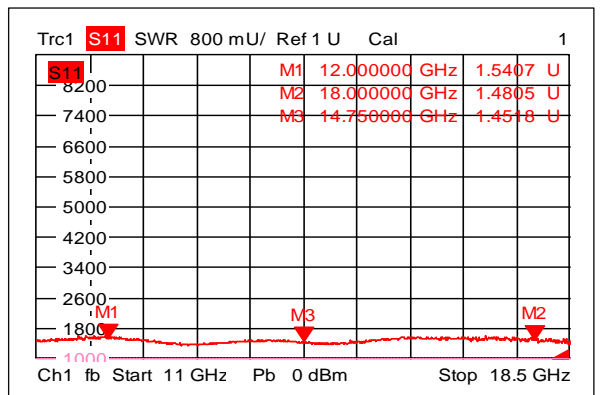
All Dimensions in mm (inches) Tolerance ± 0.1 (0.0039)



Insertion Loss @+25°C

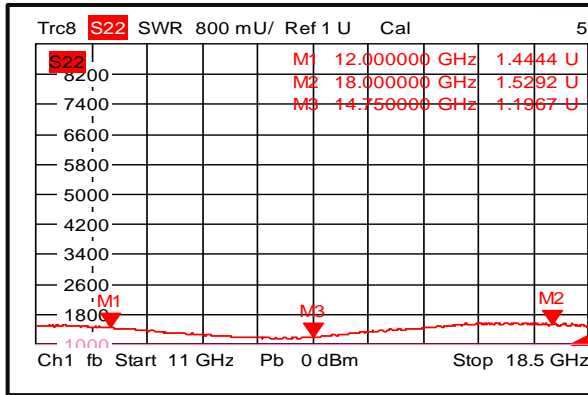


Input VSWR @+25°C

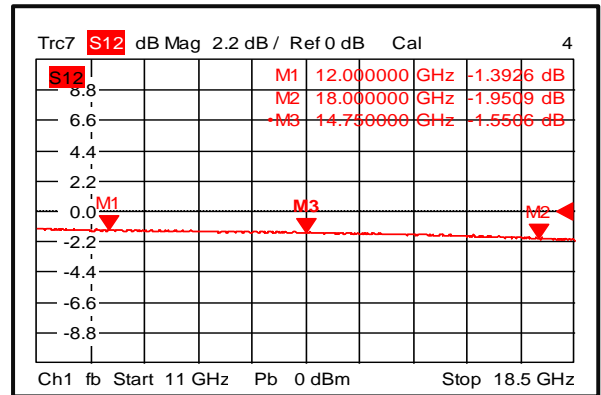




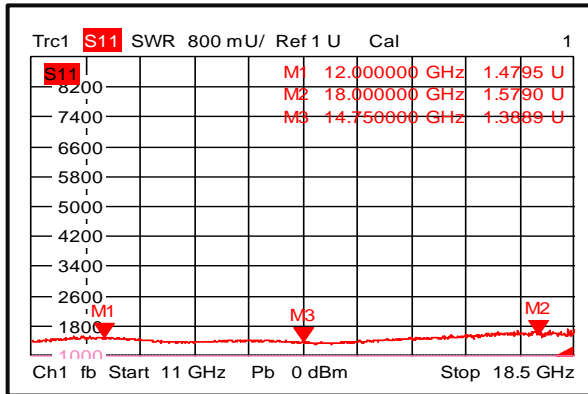
Output VSWR @+25°C



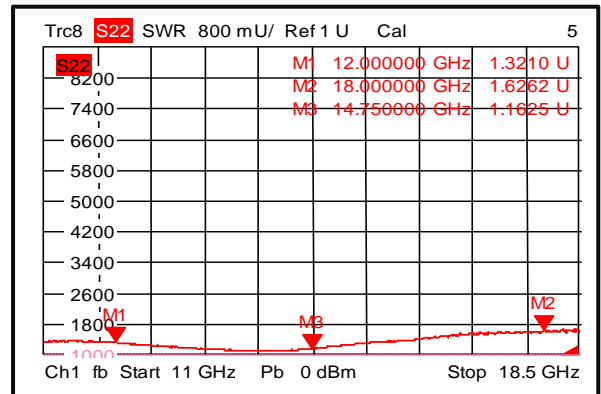
Insertion Loss @-45°C



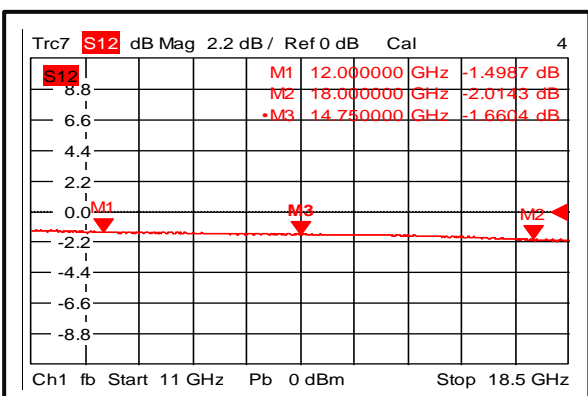
Input VSWR @-45°C



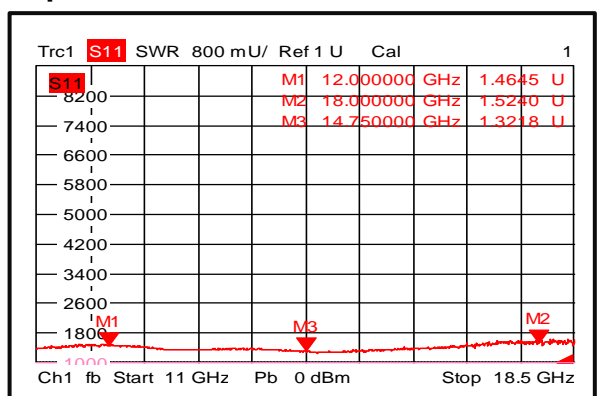
Output VSWR @-45°C



Insertion Loss @+85°C

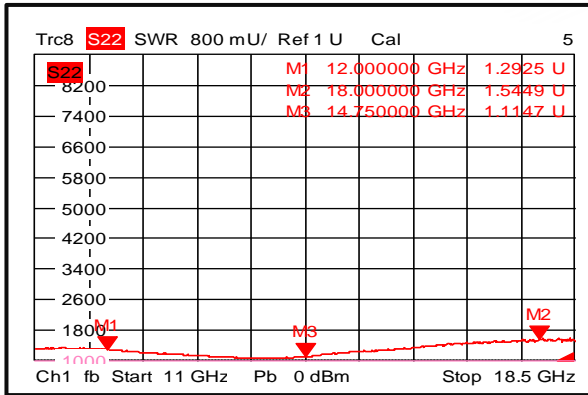


Input VSWR @+85°C

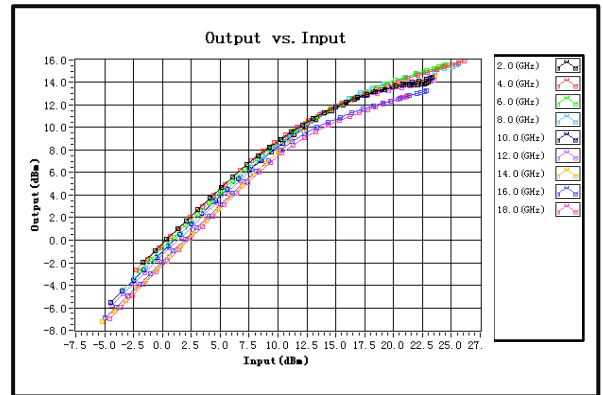




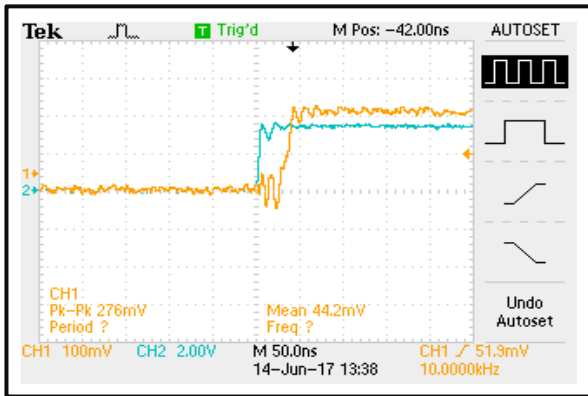
Output VSWR @ +85°C



Flat Leakage Power



Limiting Speed



Recovery time

