

2-4GHz Power Limiter



Features

- Wide Band Operation 2-4GHz
- Passive, High Isolation Limiter
- Low Insertion Loss and Good Return Loss
- High Power Handle Capability up to 200W
- Customization available upon request

Parameters	Min.	Typ.	Max.	Units
Frequency Range	2		4	GHz
Incident Power, Pulsed (500 us / 15%),50Ω, 25 °C		53	54	dBm
Incident Power, Pulsed (500 us / 15%),50Ω, 85 °C			50.5	dBm
Insertion Loss		0.9	1.1	dB
VSWR		1.4	1.5	: 1
Flat Leakage		< 18		dBm
Peak Power Leakage at PIN > 30 dBm		< 18		dBm
Weight	1.06			ounces
Input / Output Connectors	SMA-Female			
Material	Aluminum			
Finishing	Gold Plating			

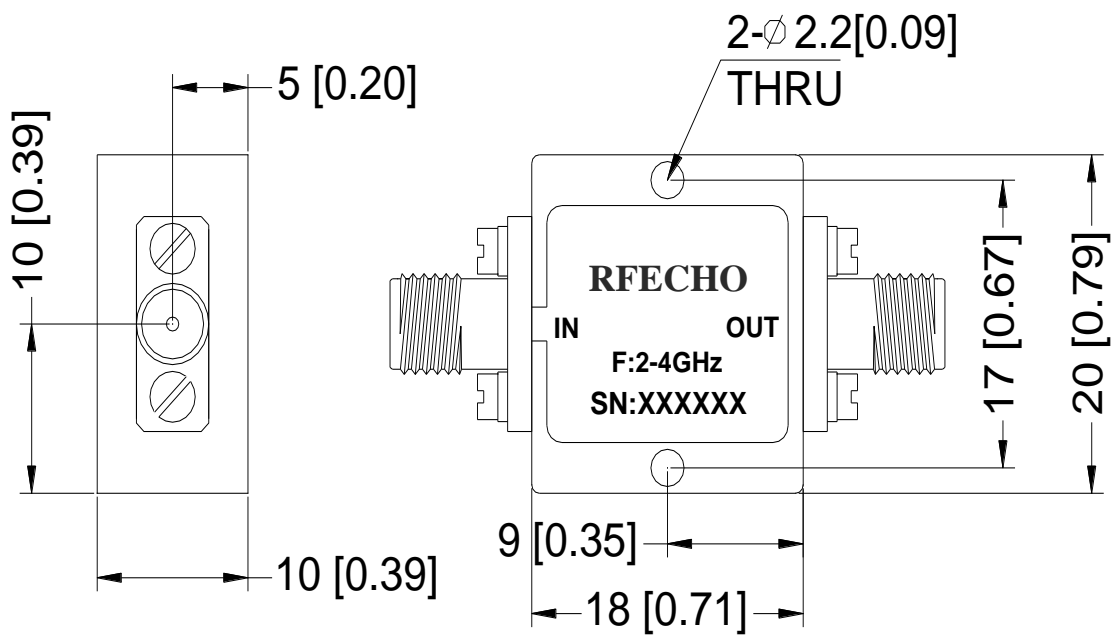


Environmental Specifications

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

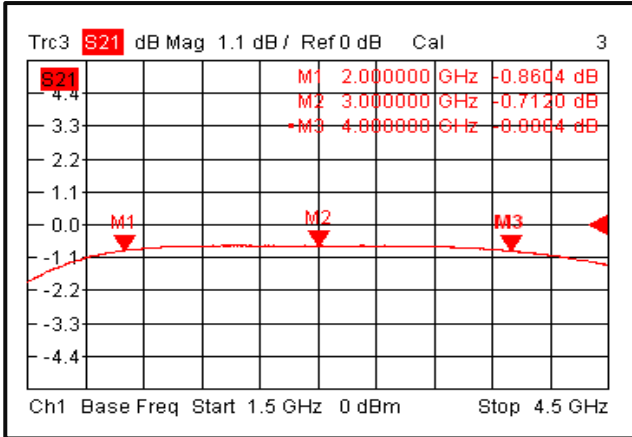
Outline Drawing:

All Dimensions in mm (inches) Tolerance ± 0.15 (0.006)

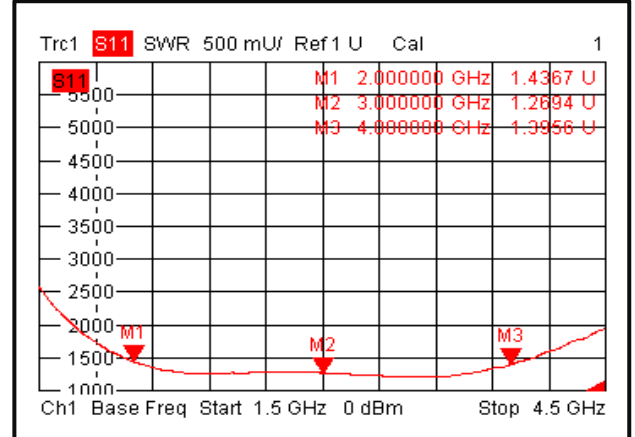




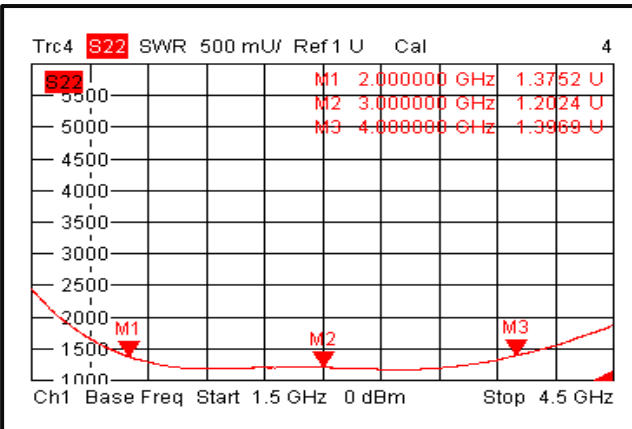
Insertion



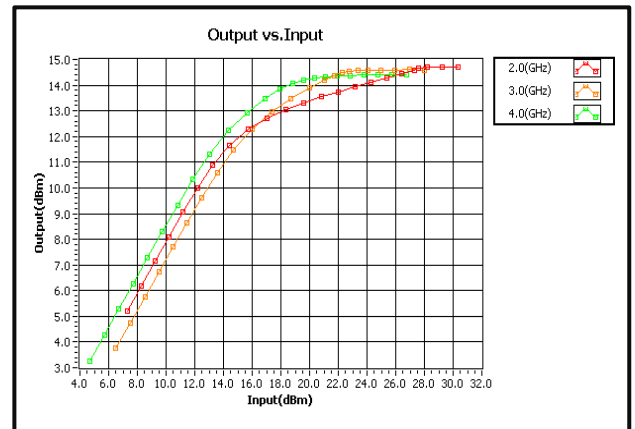
Input VSWR



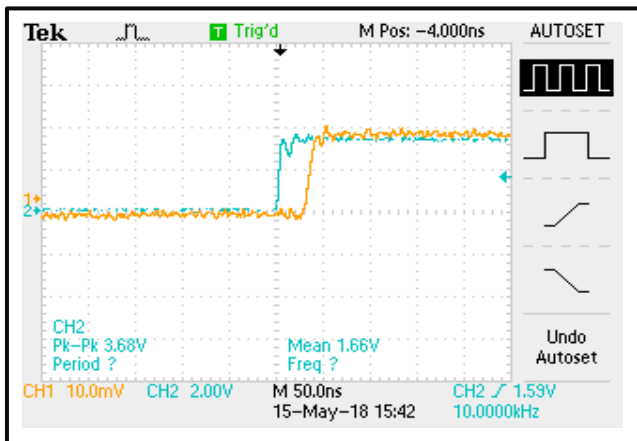
Output VSWR



Flat Leakage Power



Limiting Speed



Recovery time

