



Ultra Wide Band 60-512MHz Input Over Drive Front End Protector

Features

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



Parameters	Min.	Typ.	Max.	Units
Frequency Range	60		512	MHz
CW Input Power			2	CW
Peak Power((<10% <2us))		5		W
Insertion Loss		0.8	1.2	dB
VSWR		1.4		: 1
Flat Leakage			-20	dBm
Peak Power Leakage		-20		dBm
Weight	5.99			ounces
Input / Output Connector	SMA-Female/SMA-Female			
Material	Aluminum			
Finishing	Nickel Plating			

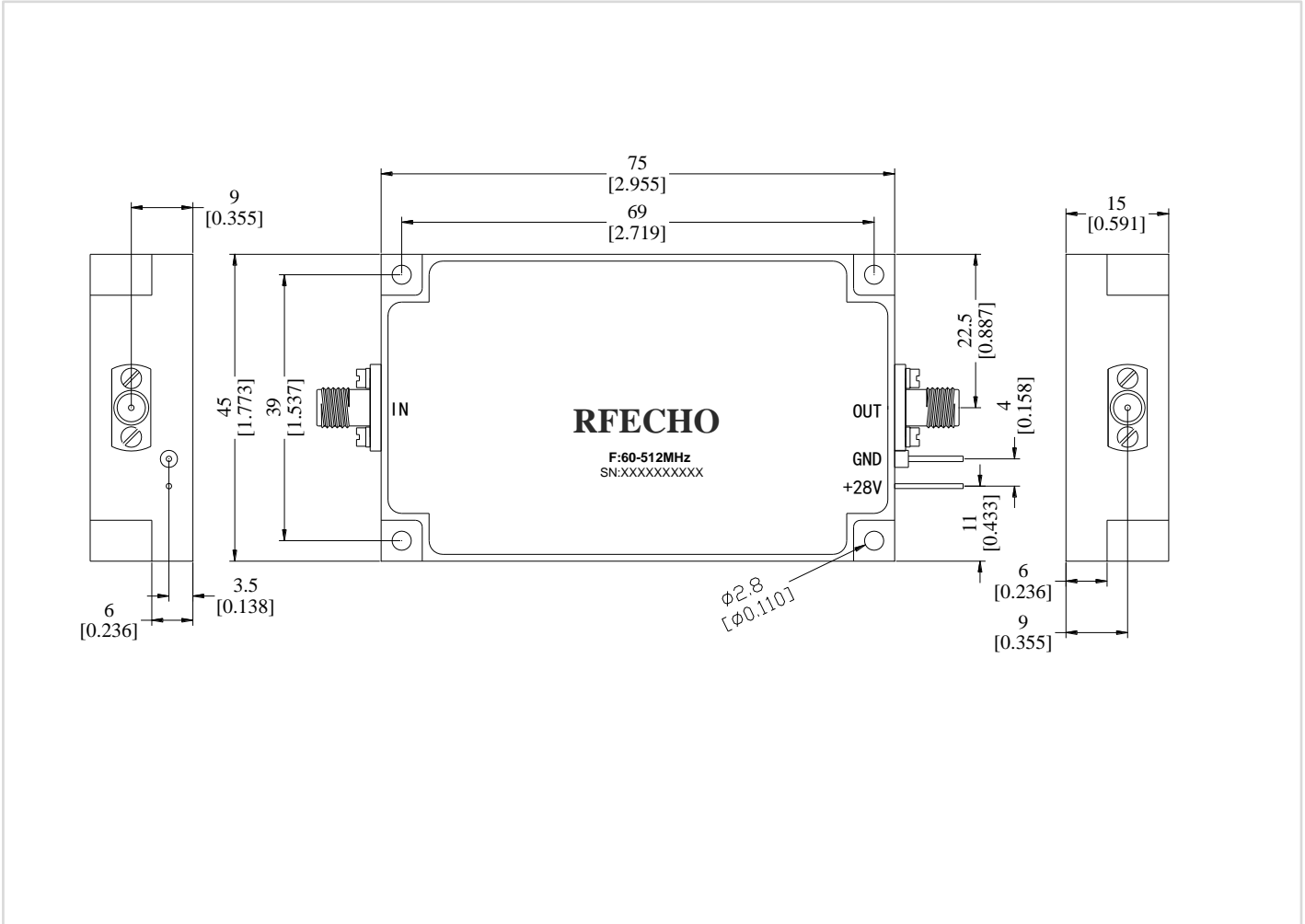
Environmental Specifications

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

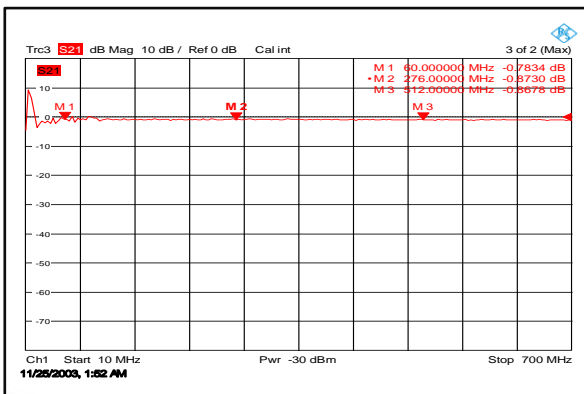


Outline Drawing:

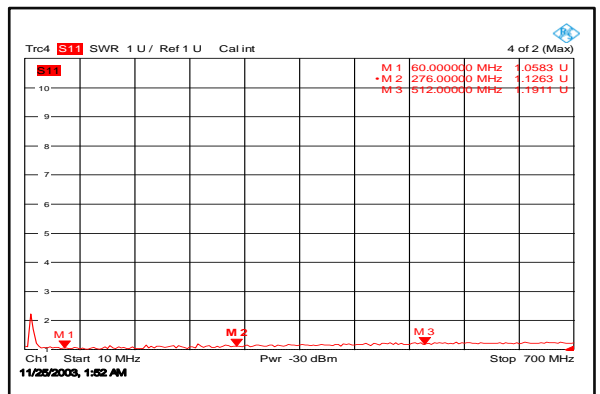
All Dimensions in mm (inches) Tolerance ± 0.15 (0.006)



LOSS Temperature +25°C

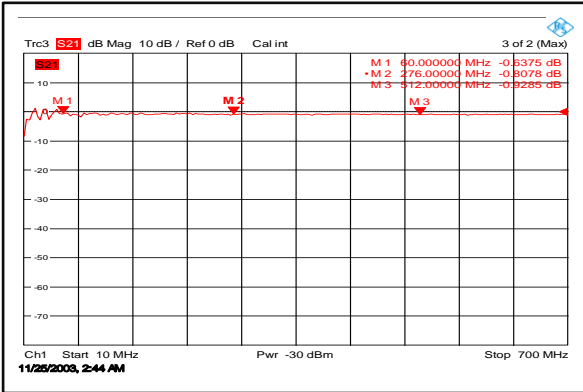


VSWR Temperature +25°C

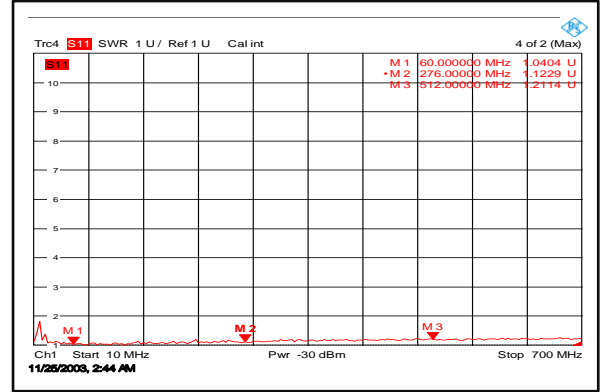




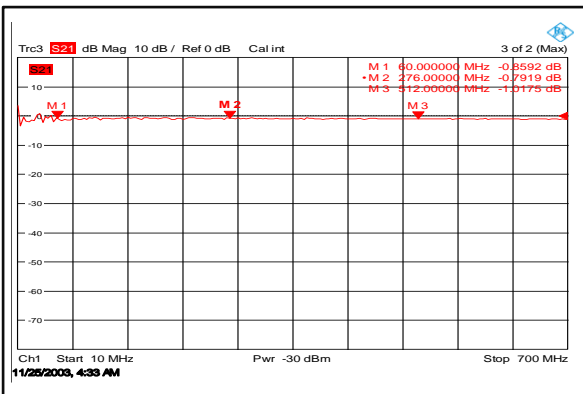
LOSS Temperature -30°C



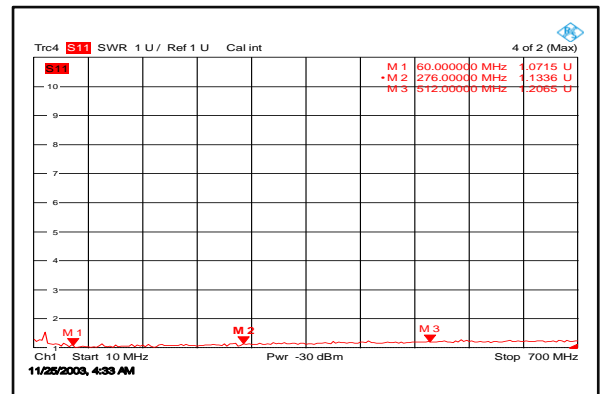
VSWR Temperature -30°C



LOSS Temperature +55°C



VSWR Temperature +55°C



Flat Leakage

