

Features

- High Rejection
- Low Insertion Loss
- Excellent Temperature Stability
- Miniaturization
- Filter Type: Cavity
- Customization available upon request



Parameters		Min.	Typ.	Max.	Units
Frequency Range		2.5		2.7	GHz
Insertion Loss				0.5	dB
Phase Variation				±1	deg
Return Loss		18	19		dB
Rejection	@DC-2.4GHz	60	65		dB
	@2.8-7.2GHz	60	65		dB
Power				100	W
Impedance		50			Ohms
Weight		4.59			ounces
Input / Output Connectors		SMA-Female			
Material		Aluminum			
Finishing		Black Paint			

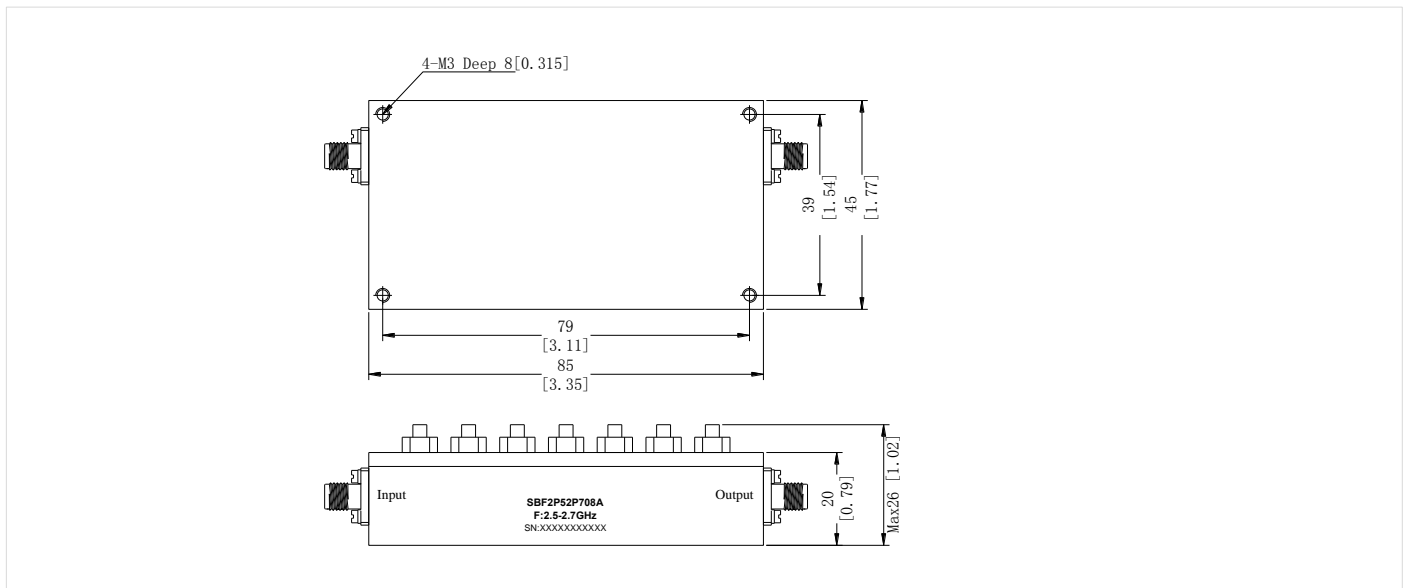
2.5-2.7GHz Coaxial cavity Band Pass Filter

Environmental Specifications

Operational Temperature	-25°C~+70°C
Storage Temperature	-45°C~+85°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
(Optional)	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)
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

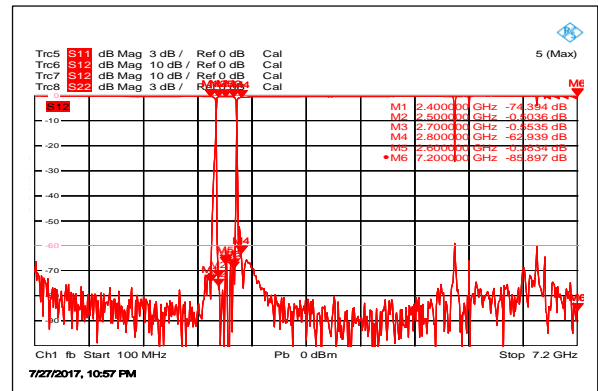
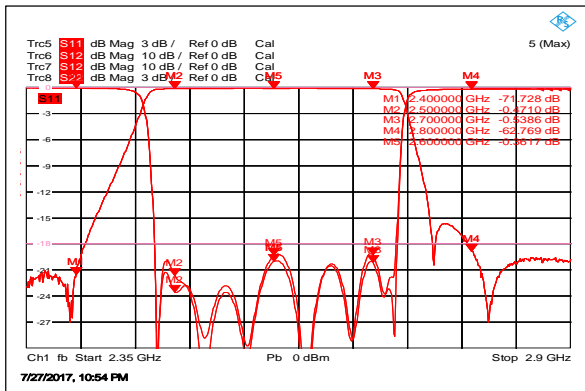
Outline Drawing:

All Dimensions in mm (inches)



Loss VS. Ripple VS. Rejection VS.VSWR

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