



Coaxial Cavity Band Pass Filter 2.2 - 2.7GHz



Features

- High Rejection
- Low Insertion Loss
- Excellent Temperature Stability
- Miniaturization
- Customization available upon request

Electrical Specifications, $T_A = 25^\circ C$

Parameters		Min.	Typ.	Max.	Units
Frequency Range		2.2		2.7	GHz
Insertion Loss			0.9	1.0	dB
Pass Band Ripple			0.6	0.8	dB
VSWR			1.5	1.6	:1
Rejection	@DC-2.15GHz	45	48		dB
	@2.75-5GHz	45	48		dB
Power Rating	Average			30	W
	Peak			300	W
Impedance		50			Ohms
Weight		11.29			Ounces
Input / Output Connectors		SMA-Female			
Material		Copper			
Finishing		Blue Paint			

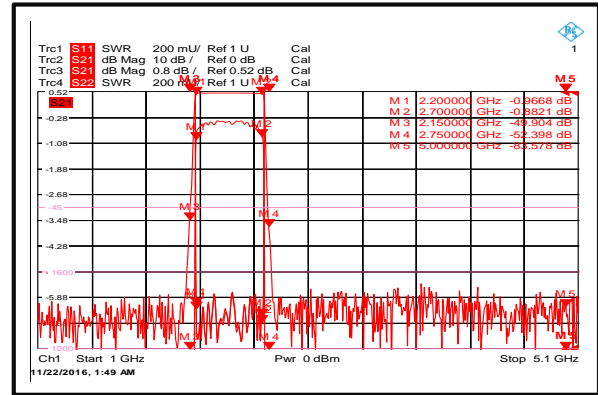


Environmental Specifications

Operational Temperature (°C)	-45 to +85
Storage Temperature (°C)	-55 to +125
Altitude	30,000 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 deg c
Shock	20G for 11msec half sine wave, 3 axis both directions

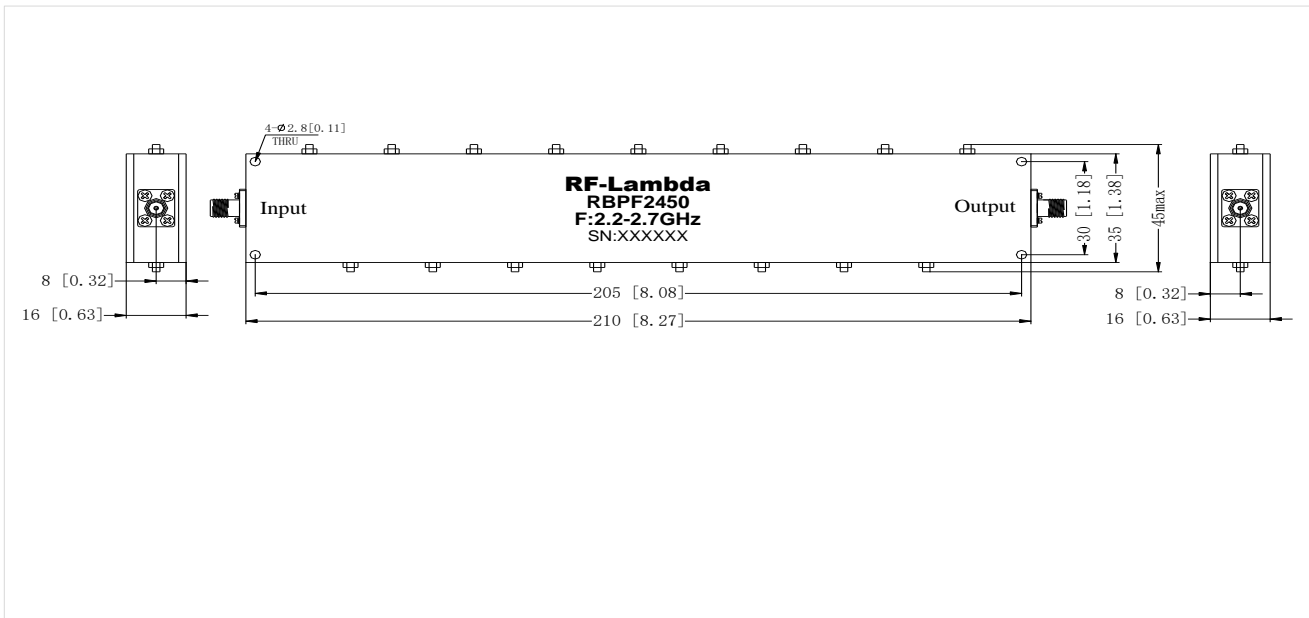
Typical Performance Plots

Loss, Ripple, Rejection, VSWR



Outline Drawing:

All Dimensions in mm [inches]



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Important Notice

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