

50 ohms Coaxial Cavity Band Stop Filter

SN:2422-211004 Version: A0



Bandstop Filter

- ◆ High Rejection
- ◆ Low Insertion Loss
- ◆ Miniaturization
- ◆ Excellent Reliability
- ◆ Customization available



Electrical Specifications			
Parameters	Units		Specifications
Pass Band Frequency	MHz		500-4200MHz & 5200-8000MHz
Insertion Loss	dB	Max	3.0
Ripple	dB	Max	TBD
VSWR	/	Max	1.8:1
Group Delay Variation	ns	Max	TBD
Phase Matching	deg	Max	TBD
Rejection	≥40dB@4400-5000MHz		
Power Handling	50W cw max		

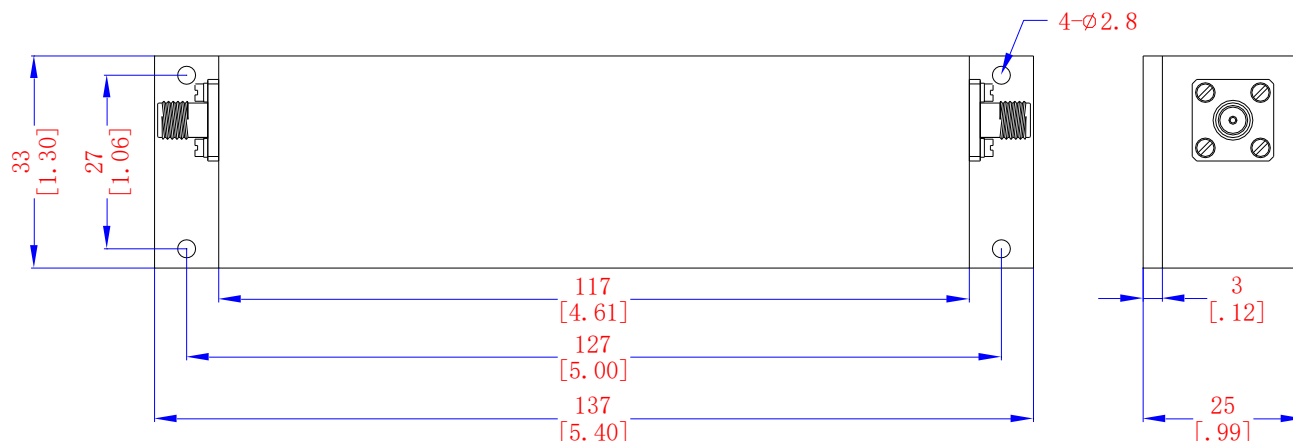
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Mechanical Specifications		Environmental Specification	
Parameter	Specification	Parameter	Specification
Input Connectors	SMA-Female (50Ω)	Operating Temp.	0°C to +40°C
Output Connectors	SMA-Female (50Ω)	Storage Temp.	-55°C to +85°C
ROHS	Yes	Environment Class	TBD
Material	Aluminum (6061)	Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
Weight(Kg)	TBD		
Surface Finish	Black Painted	Humidity	95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions		
Note			

Outline Drawing:

All Dimensions in mm (inches)

Outline Tolerances ± 0.3 (0.012)


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Test Plot
