



Cavity Filter

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



Electrical Specifications			
Parameters	Units		Specifications
Center Frequency	MHz		450
Pass Band Frequency	MHz		449-451
Insertion Loss	dB	Max	0.7
Ripple	dB	Max	TBD
Return Loss	dB	Min	18
Group Delay Variation	ns	Max	TBD
Phase Matching	deg	Max	TBD
Rejection	≥50dB@440MHz		
Power Handling	500W cw max		

50 ohms Coaxial Cavity Band Pass Filter

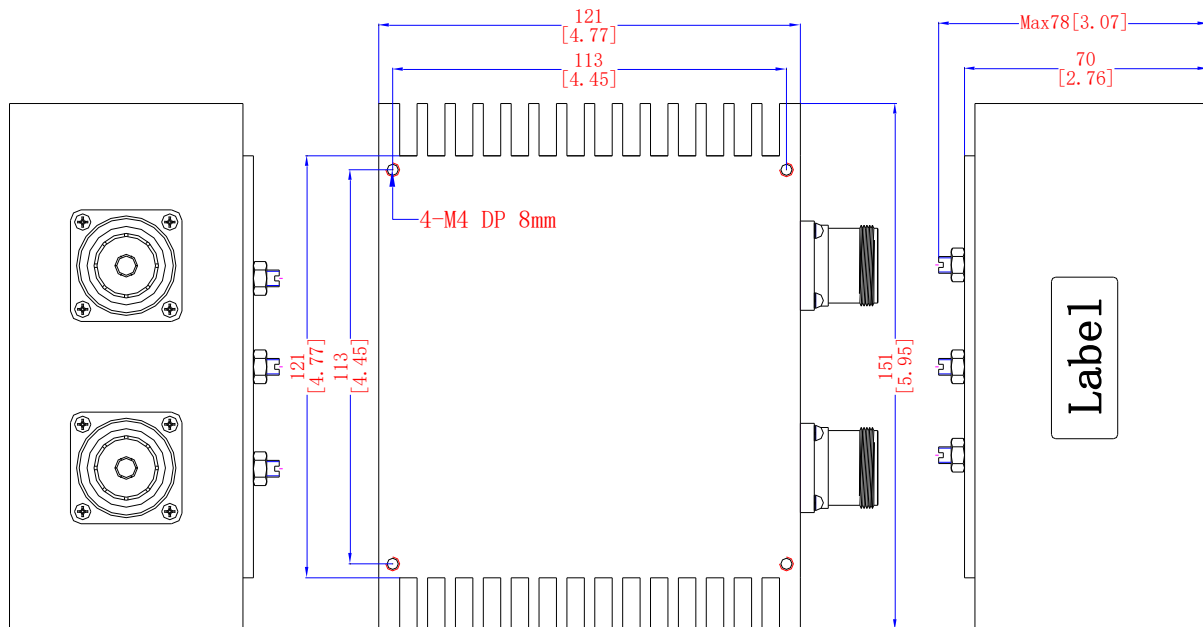
SN:2056-191120

Version: A0

Mechanical Specifications		Environmental Specification	
Parameter	Specification	Parameter	Specification
Input Connectors	DIN-Female (50Ω)	Operating Temp.	-40°C to +70°C
Output Connectors	DIN-Female (50Ω)	Storage Temp.	-55°C to +85°C
ROHS	Yes	Environment Class	TBD
Material	Aluminum (6061)	Altitude	30,000 ft.
Weight(Kg)	TBD		(Epoxy Sealed Controlled environment)
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 $\pm 0.3(0.012)$


Test Plot
