



Cavity Filter

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



Electrical Specifications			
Parameters	Units		Specifications
Center Frequency	MHz		6575
Pass Band Frequency	MHz		5885-7265
Insertion Loss	dB	Max	0.6
Ripple	dB	Max	TBD
Return Loss	dB	Min	14
Group Delay Variation	ns	Max	TBD
Phase Matching	deg	Max	TBD
Rejection	$\geq 30\text{dB}@5650\text{MHz}$, $\geq 70\text{dB}@5120\text{MHz}$ $\geq 30\text{dB}@7550\text{MHz}$, $\geq 50\text{dB}@8-16\text{GHz}$		
Power Handling	10W cw max		

50 ohms Coaxial Cavity Band Pass Filter

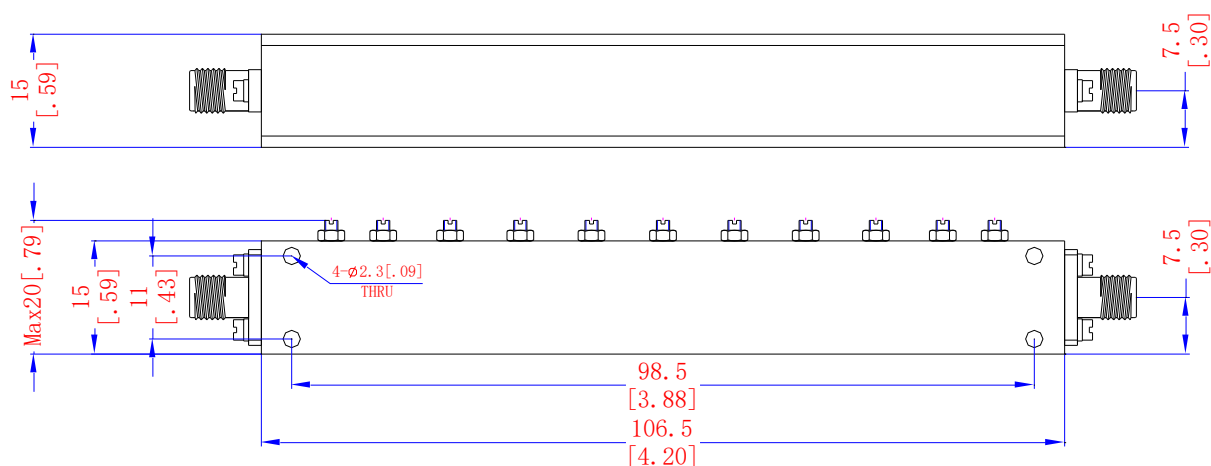
SN:1750-180903

Version: A0

Mechanical Specifications		Environmental Specification	
Parameter	Specification	Parameter	Specification
Input Connectors	SMA-Female (50Ω)	Operating Temp.	-40°C to +70°C
Output Connectors	SMA-Female (50Ω)	Storage Temp.	-55°C to +85°C
ROHS	Yes	Environment Class	IP65
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)


Test Plot

