

Notch Filter

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



Electrical Specifications			
Parameters	Units		Specifications
Notch Band(NB)	MHz		2200-2300
Rejection In NB	dB	Min	50
Pass Band(PB)	MHz		DC-2100MHz & 2400-18000MHz
Insertion Loss In PB	dB	Max	$\leq 2.0\text{dB@ DC-1900MHz \& 2600-17000MHz,}$ $\leq 2.5\text{dB@17000-18000MHz,}$ $\leq 3.5\text{dB@1900-2100MHz \& 2400-2600MHz}$
Ripple	dB	Max	TBD
VSWR In PB	/	Max	1.8:1 (Typ.), 2.2:1 (Max)
Power Handling	5W cw max		
Note			

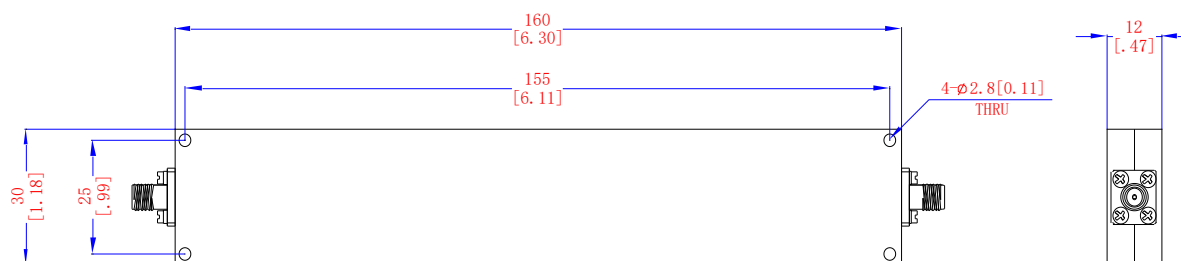
50 ohms Suspended Stripline Notch Filter

SN:3495-260721 Version: A1

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	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 $\pm 0.3(0.012)$


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