



### Band Pass Filter 0.698-0.71GHz



#### Features

- High Rejection
- Low Insertion Loss
- Excellent Temperature Stability
- Miniaturization
- Filter Type: Cavity
- Customization available upon request

Electrical Specifications,  $T_A = +25^\circ \text{C}$ , 50 Ohm System,

Parameters	Min.	Typ.	Max.	Units
Frequency range	0.698		0.71	GHz
Insertion Loss @ ( Center Frequency)		1.0	1.5	dB
Pass band Ripple			0.5	dB
VSWR		1.2	1.25	
Rejection@1.66GHz &1.78GHz	50			
Power Handling			30	Watts
Operating Temperature	-25		+70	$^\circ\text{C}$
Operating Temperature	50			Ohms
Input / Output Connector	N-Female			
Finishing	Gray Paint			

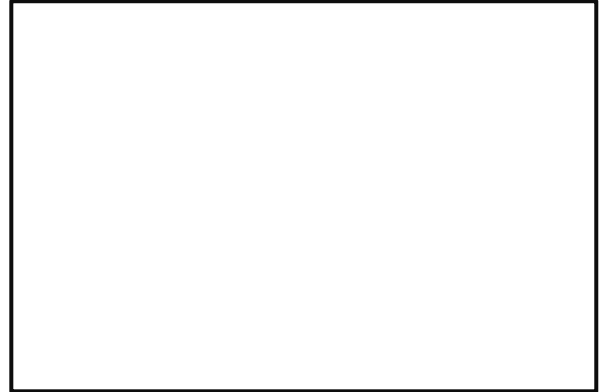


### Environment specifications

Operational Temperature (C°)	-25 to +70
Storage Temperature (C°)	-40 to +105
Altitude	30,000 ft. (Epoxy Seal Controlled environment) 60,000 ft 1.0psi min (Hermetically Seal Un-controlled environment) ( Optional )
Vibration	25g rms (15 degree 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msc half sin wave,3 axis both directions

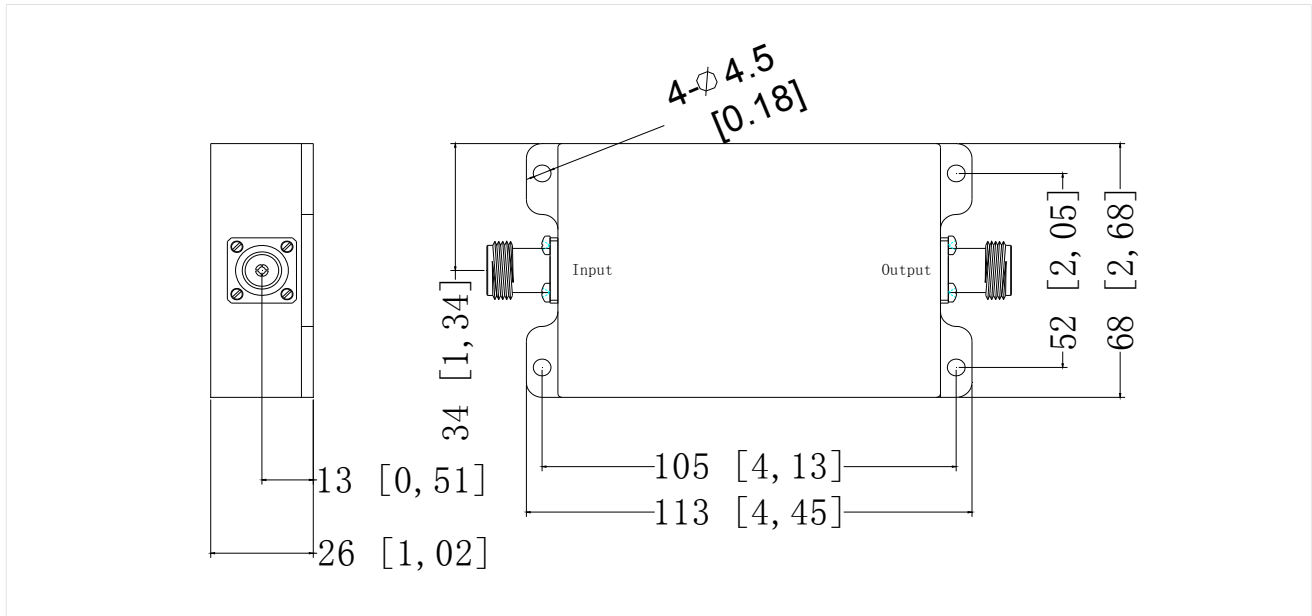
### performance plots

Loss VS. Ripple VS. Rejection VS.VSWR



### Outline Drawing:

All Dimensions in mm (inches)



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