



Coaxial Cavity Band Pass Filter 716.3 - 720.8MHz



Features

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



Electrical Specifications, $T_A = +25^\circ C$

Parameters		Min.	Typ.	Max.	Units
Frequency range		716.3		720.8	MHz
Insertion Loss			2.8	4.0	dB
Pass Band Ripple			1.0	1.8	dB
VSWR			1.25	1.3	:1
Rejection	@DC~714.75MHz	30	35		dB
Power Rating	Average			30	W
	Peak			300	W
Impedance		50			Ohms
Weight		2.47			ounces
Input / Output Connectors		N-Female			
Material		Aluminum			
Finishing		Blue Paint			

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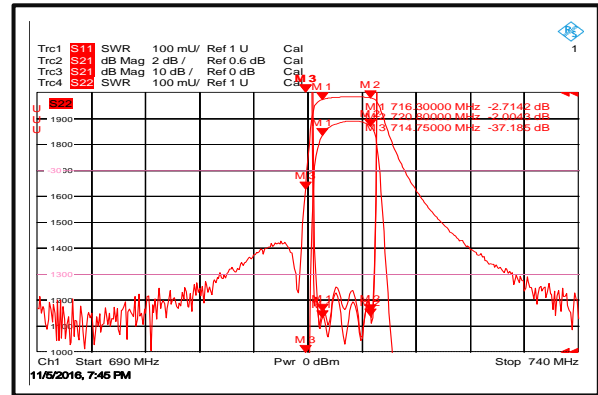


Environmental Specifications

Operational Temperature (°C)	-25 to +70
Storage Temperature (°C)	-40 to +105
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.opsi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions

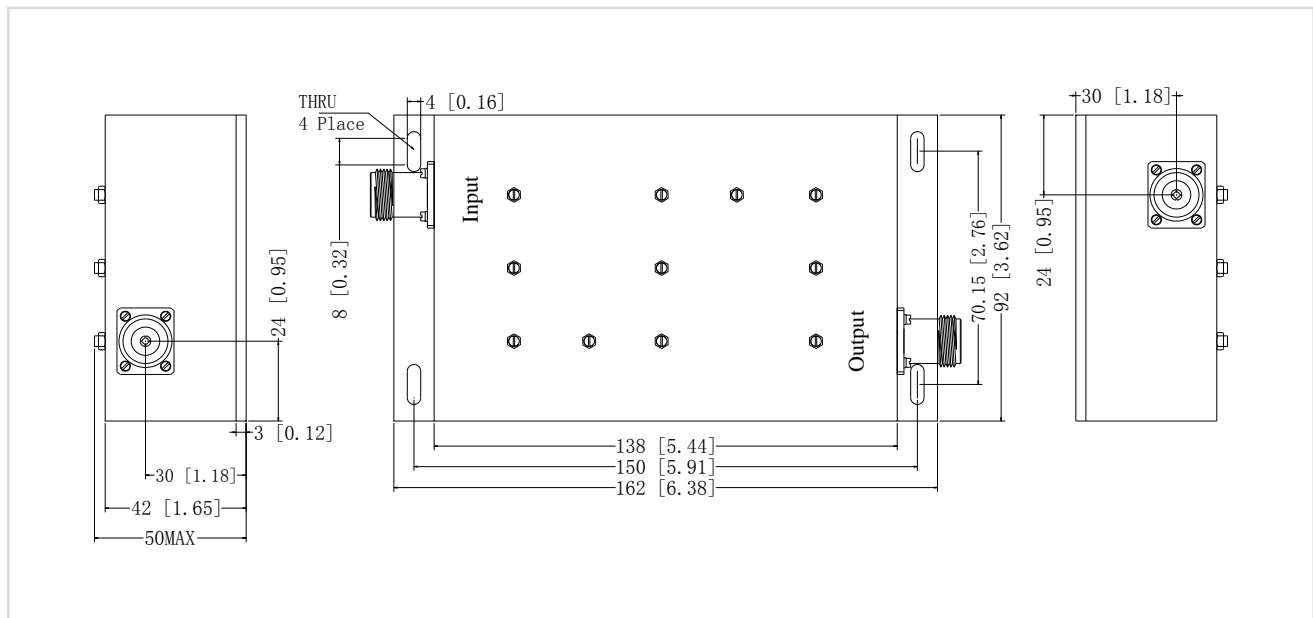
Typical Performance Plots

Loss VS. Ripple VS. Rejection VS.VSWR



Outline Drawing:

All Dimensions in mm [inches]



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