

Features

- High Rejection
- Low Insertion Loss
- Excellent Temperature Stability
- Miniaturization
- Customization available upon request



Parameters		Min.	Typ.	Max.	Units
Center Frequency			1720		MHz
Band width		20			MHz
Insertion Loss			0.7	1.0	dB
Pass Band Ripple			0.3	0.5	dB
VSWR			1.2	1.25	: 1
Rejection	@± 60MHz off center	50	55		dB
Power Rating	Average			30	W
	Peak			0.3	KW
Impedance		50			Ohms
Weight		6.35			Ounces
Input / Output Connectors		N-Female			
Material		Aluminum			
Finishing		Gray Paint			

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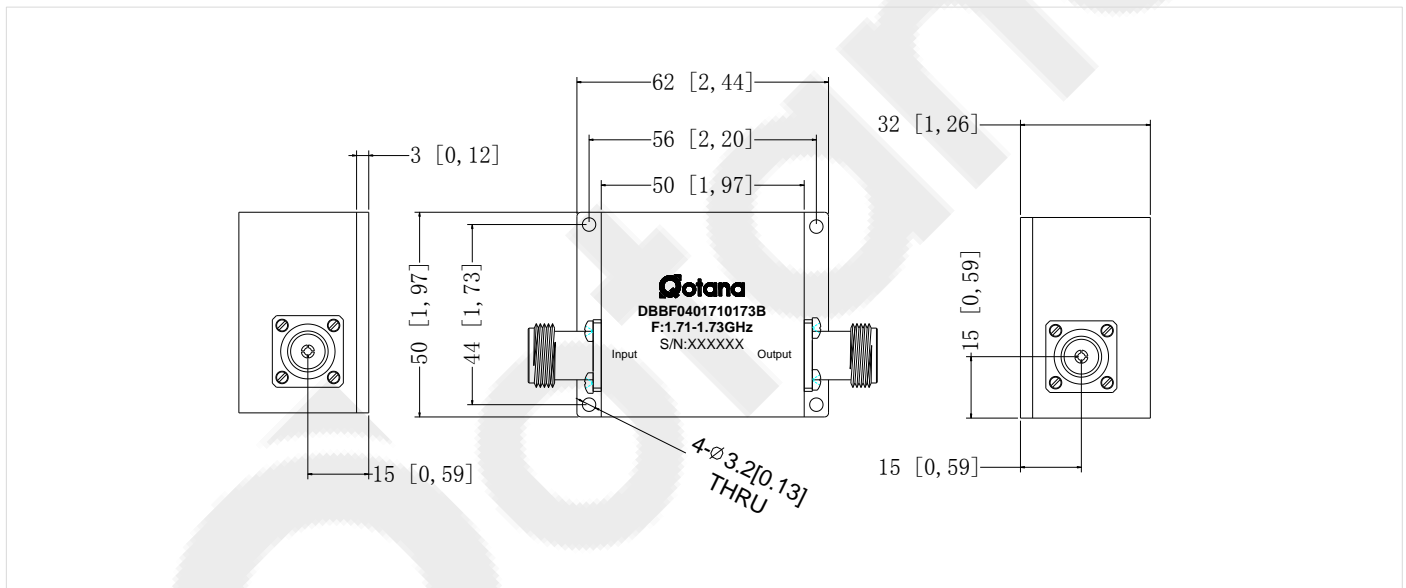
Coaxial Cavity Band Pass Filter 1.71 - 1.73GHz

Environmental Specifications

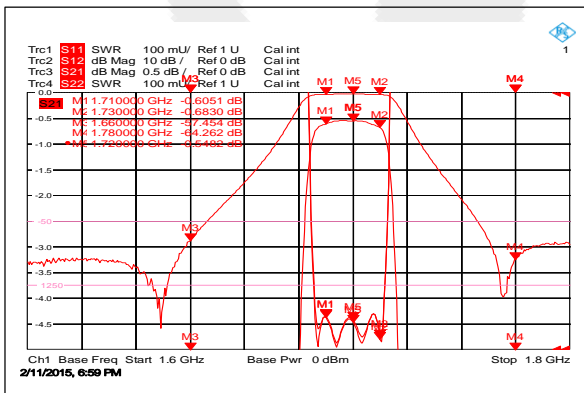
Operational Temperature	-25°C~+70°C
Storage Temperature	-45°C~+85°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
(Optional)	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°c
Shock	20G for 11msec half sine wave,3 axis both directions

Outline Drawing:

All Dimensions in mm (inches)



Loss VS. Ripple VS. Rejection VS.VSWR



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