

Features

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



Parameters		Min.	Typ.	Max.	Units
Frequency Range		828.5	833	837.5	MHz
Insertion Loss			0.7	1.0	dB
Pass Band Ripple			0.15	0.3	dB
VSWR			1.2	1.3	: 1
Rejection	@60MHz off Center	50	60		dB
Power Rating	Average			30	W
	Peak (10% Duty Cycle, 1 us Pulse Width)			100	W
Impedance		50			Ohms
Weight		11.4 Typ.			ounces
Input / Output Connectors		N-Female			
Material		Aluminum			
Finishing		Gray Paint			

Environmental Specifications

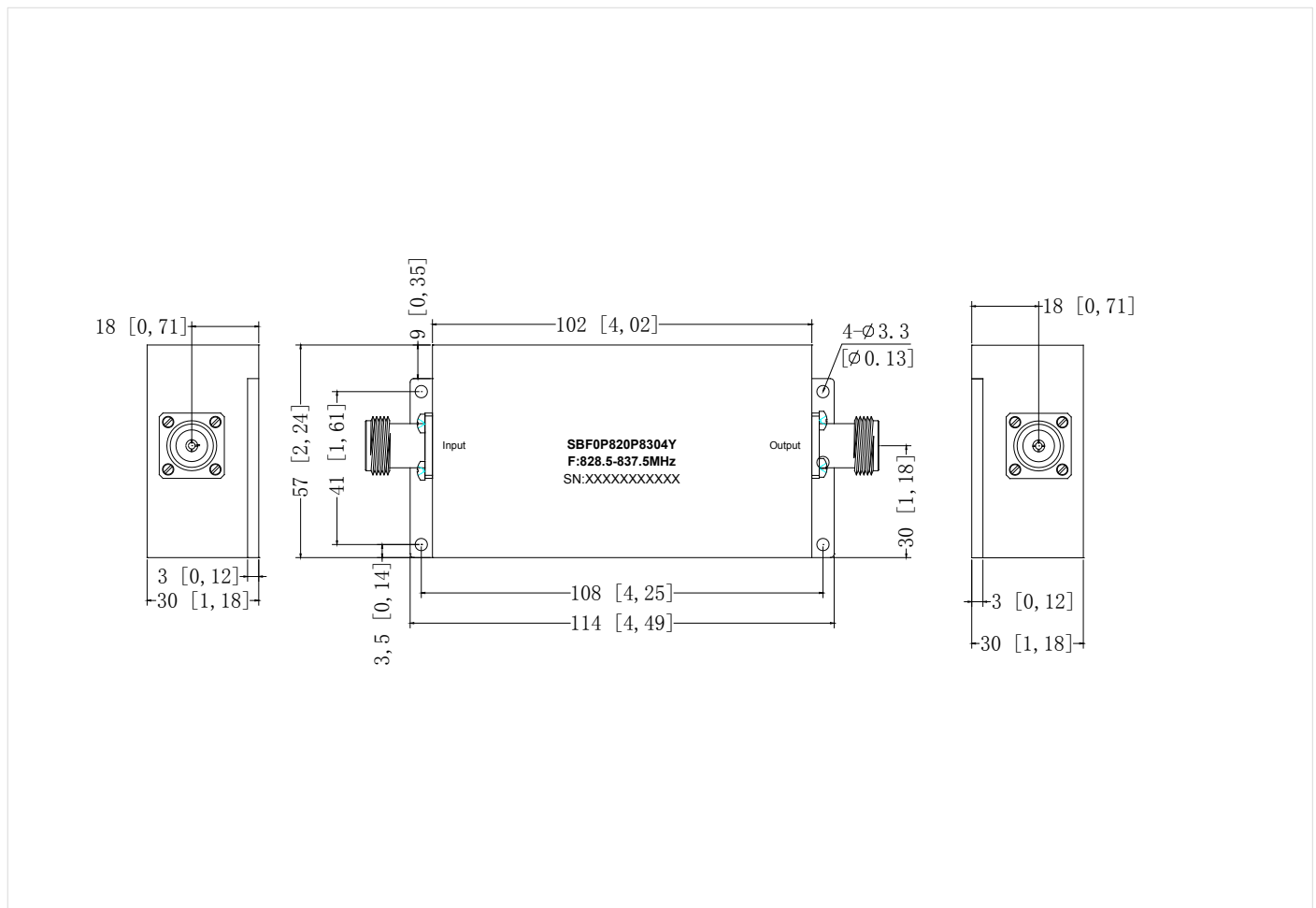
Operational Temperature	-25°C~+70°C
Storage Temperature	-40°C~+85°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
(Optional)	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH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

Outline Drawing:

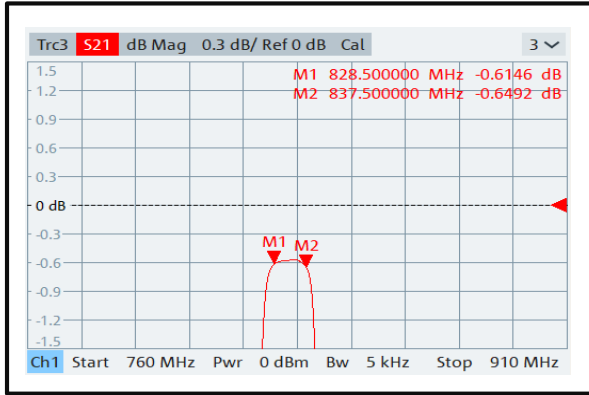
All Dimensions in mm (inches)

Outline Tolerances ±0.5 (0.02)

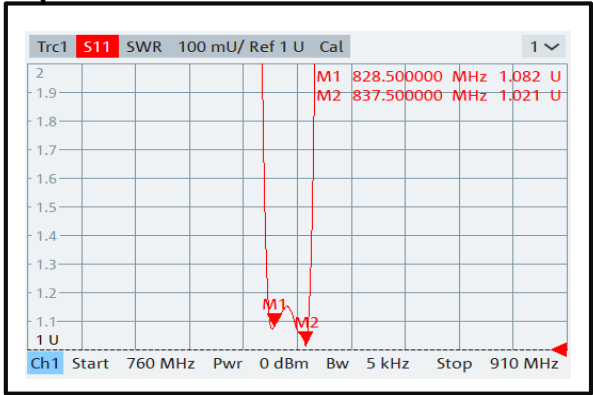
Mounting Holes Tolerances ±0.2(0.008)



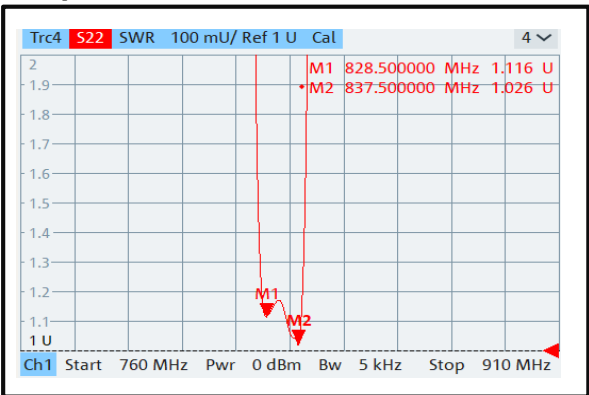
Insertion Loss



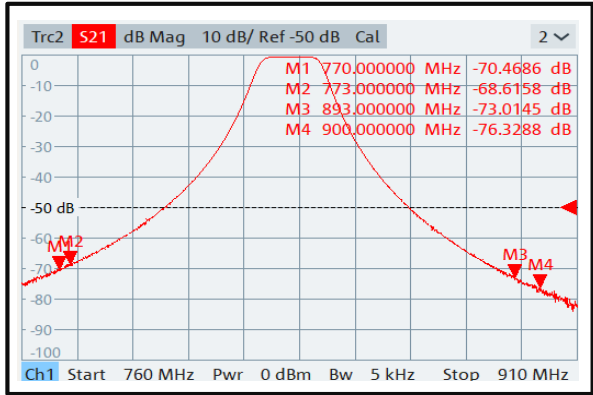
Input VSWR



Output VSWR



Rejection



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