

Features

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



Parameters		Min.	Typ.	Max.	Units
Frequency Range		2.4		2.5	GHz
Insertion Loss			0.35	0.5	dB
Pass Band Ripple			0.2	0.3	dB
VSWR			1.25	1.3	:1
Rejection	@DC-2.32GHz	30	31		dB
	@2.59-2.62GHz	30	40		dB
	@2.62-6GHz	40	42		dB
Power Rating	Average			30	W
	Perk(10% Duty Cycle, 1 us Pulse Width)			300	W
Impedance		50			Ohms
Weight		3.52			ounces
Input / Output Connectors		SMA-Female			
Material		Aluminum			
Finishing		Gray Paint			

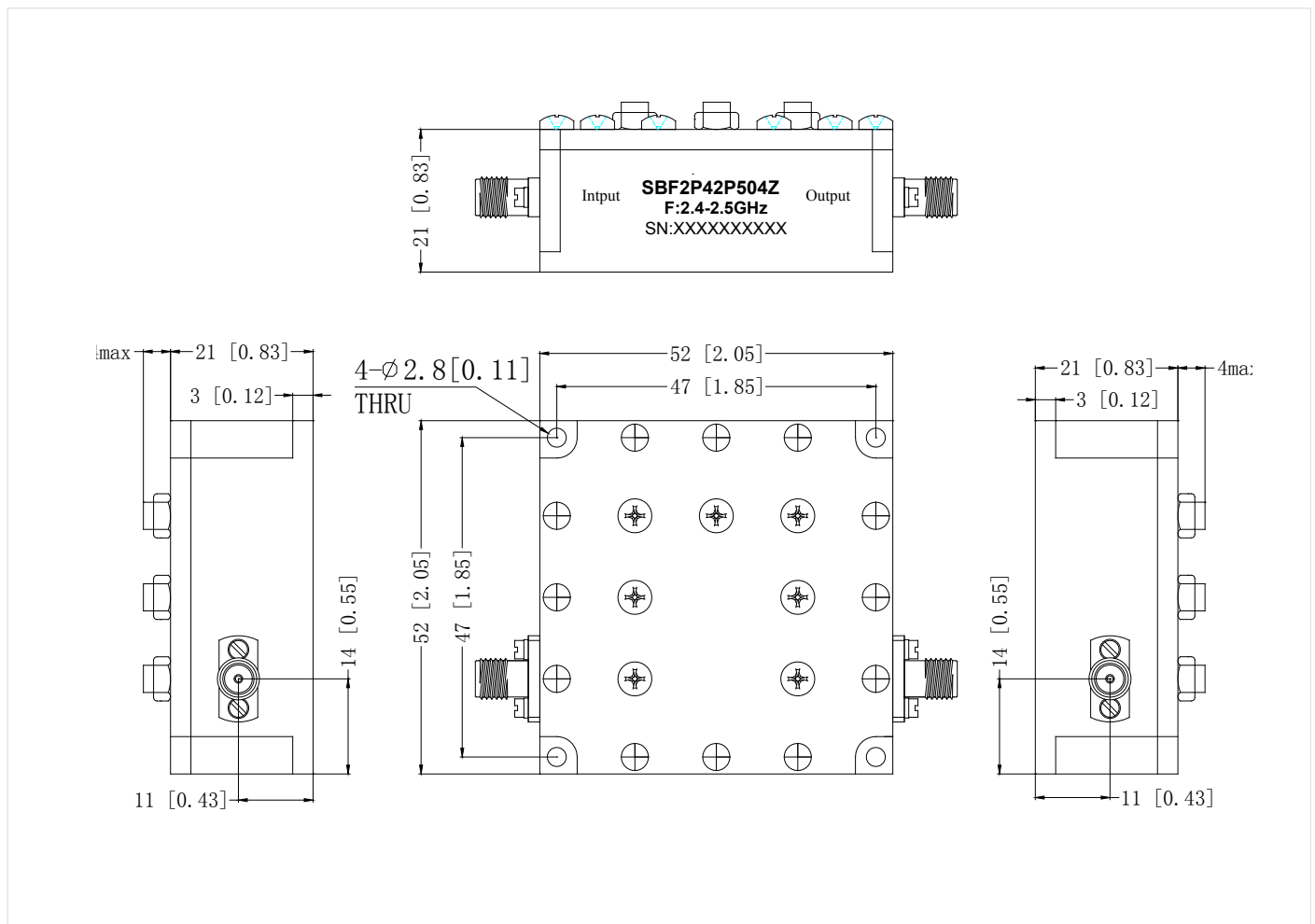
Environmental Specifications

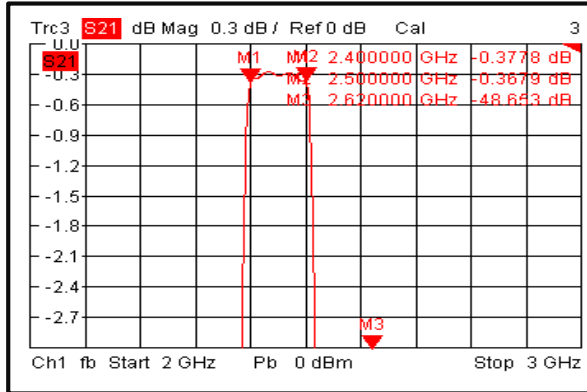
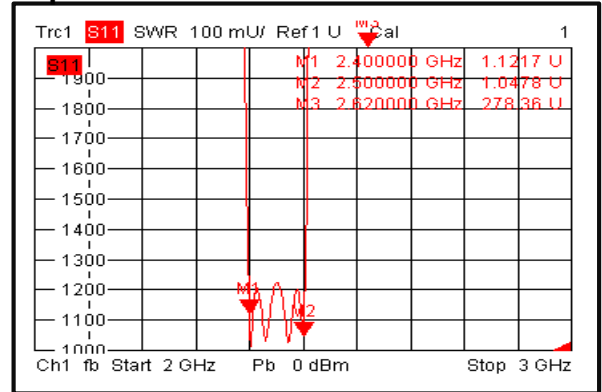
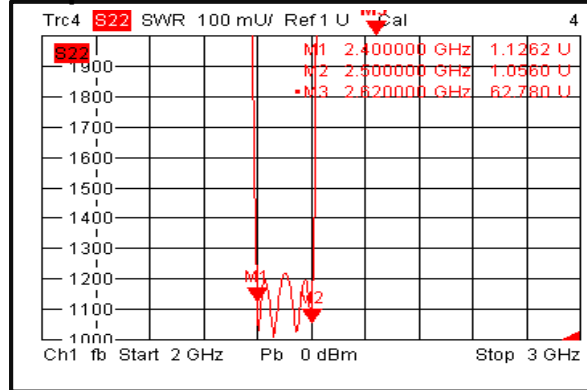
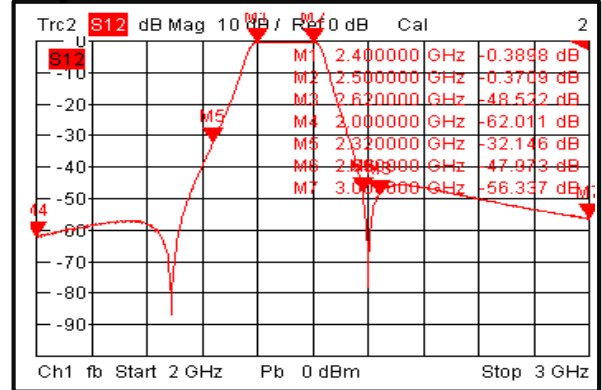
Operational Temperature	-25°C~+70°C
Storage Temperature	-40°C~+85°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
(Optional)	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH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

Outline Drawing:

All Dimensions in mm (inches)

 Outline Tolerances $\pm 1.0(0.04)$

 Mounting Holes Tolerances $\pm 0.2(0.008)$


Loss

Input VSWR

Output VSWR

Rejection


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