

## Features

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



Parameters		Min.	Typ.	Max.	Units
Frequency Range		2.2		2.3	GHz
Insertion Loss			0.5	0.6	dB
Pass Band Ripple				0.4	dB
VSWR			1.3	1.4	: 1
The group delay of this band pass filter is the same as the diplexer, both are $\pm 8$					ns
Rejection	@2.025-2.12GHz	65			dB
Power Handling		200			W
Impedance		50			Ohms
Weight		10.0 Max.			ounces
Input / Output Connectors		SMA-Female			
Material		Aluminum			
Finish		Black Paint			

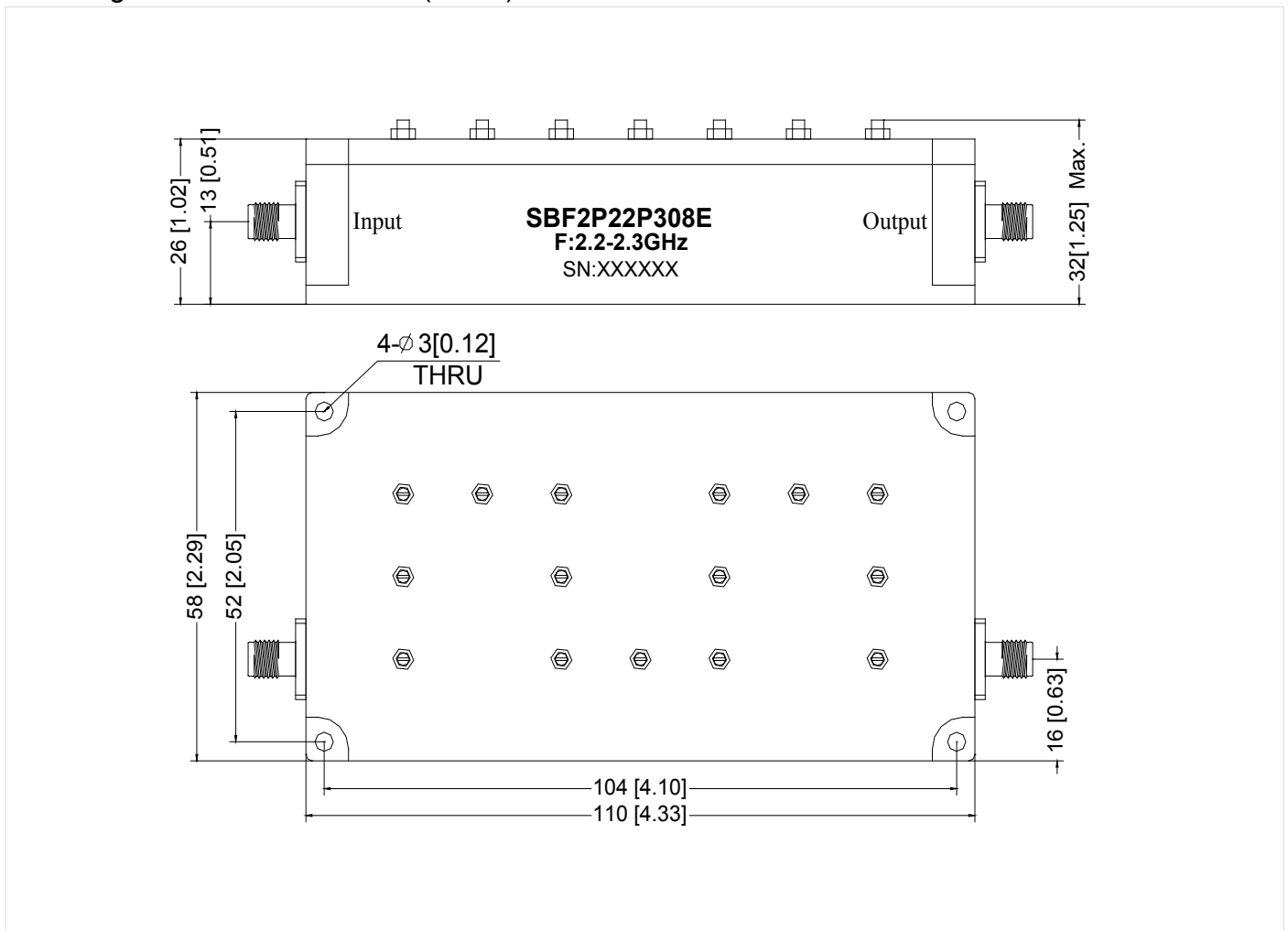
**Environmental Specifications**

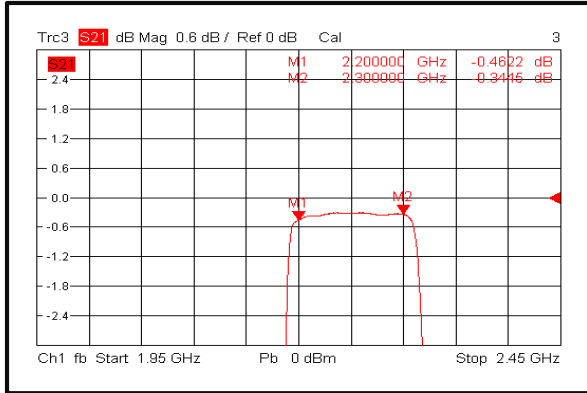
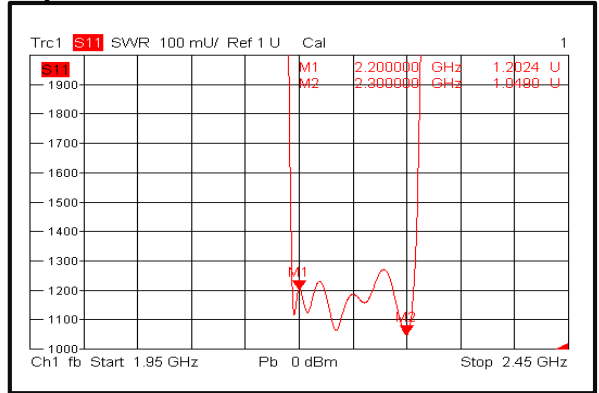
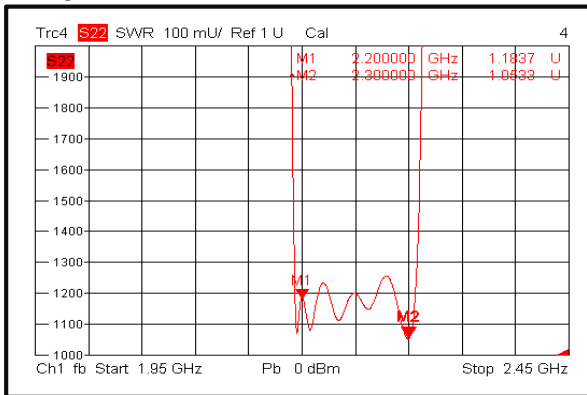
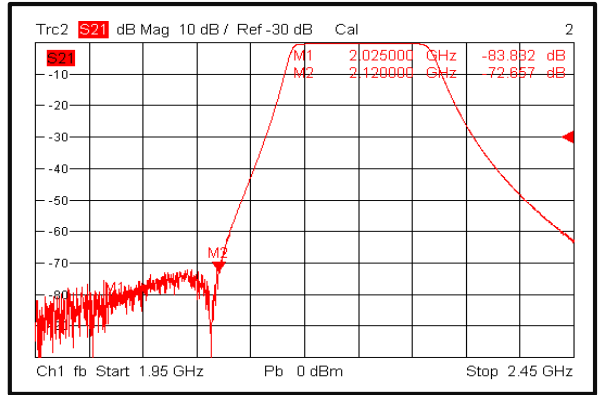
Operational Temperature	-25°C~+70°C
Storage Temperature	-40°C~+85°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
(Optional)	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH 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  $\pm 0.2(0.008)$ 


**Insertion Loss**

**Input VSWR**

**Output VSWR**

**Rejection**


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