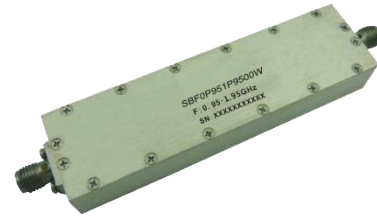


Features

- MS Filter -Microstrip Filter
- Flat frequency response and low insertion loss
- Designs that cover up to 40 GHz also available
- MIL-E-5400 standard



Parameter		Min.	Typ.	Max.	Units
Frequency Range		0.95		1.95	GHz
Insertion Loss			1.4	1.5	dB
VSWR				1.5	: 1
Rejection	@ DC-0.85GHz	40	43		dB
	@ 2.05-3GHz	40	43		dB
Power Average				10	W
Peak Power				100	W
Impedance		50			Ohms
Weight		1.2 Max.			Ounces
Input / Output Connectors		SMA-Female			
Material		Aluminum			
Finish		Silvering Plating			

Environmental Specifications

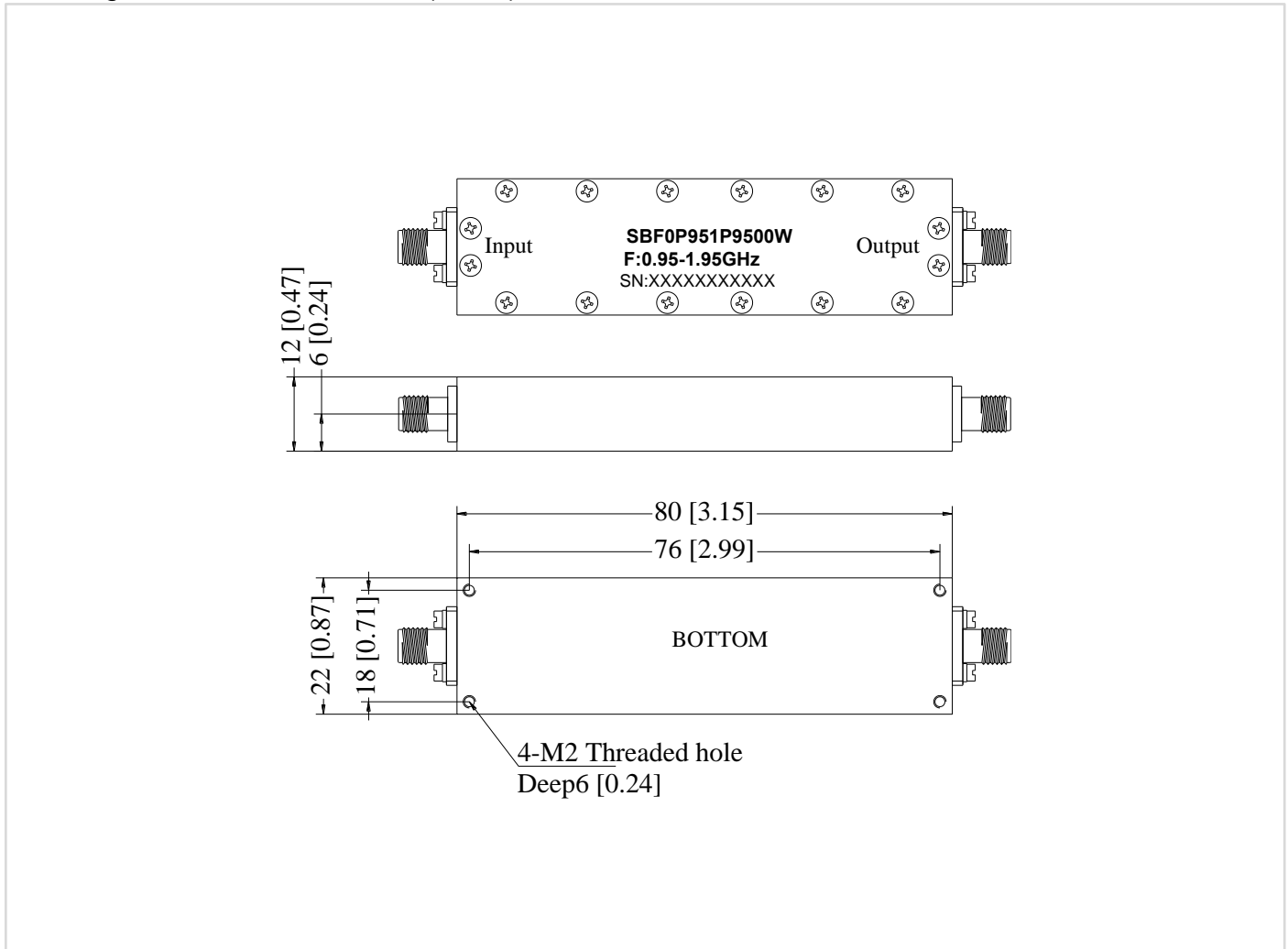
Operational Temperature	-0°C~+50°C
Storage Temperature	-20°C~+60°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
(Optional)	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°c
Shock	20G for 11msec half sine wave,3 axis both directions

Outline Drawing:

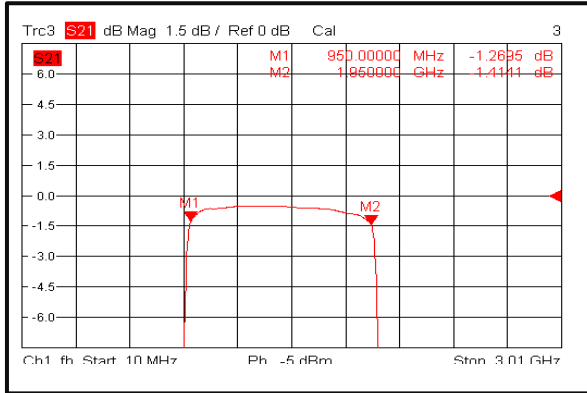
All Dimensions in mm (inches)

Outline Tolerances ±0.5 (0.02)

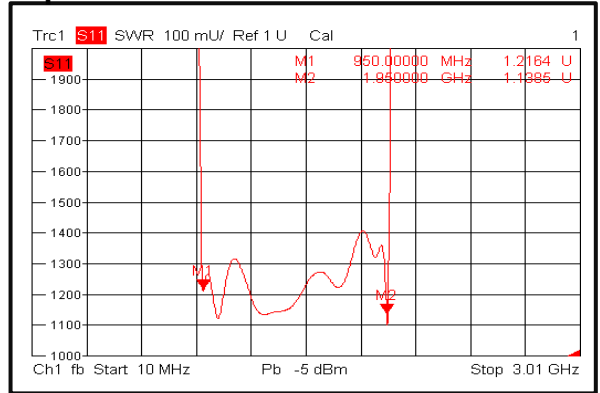
Mounting Holes Tolerances ±0.2 (0.008)



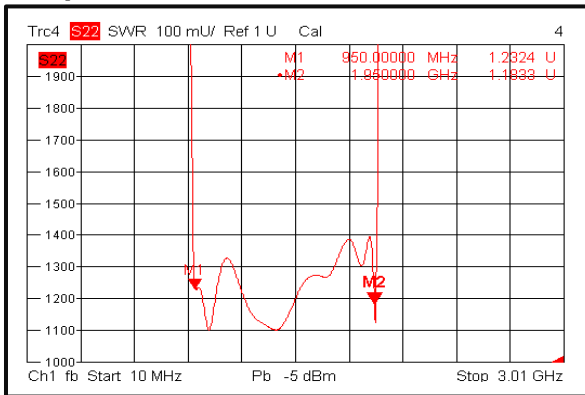
Insertion Loss



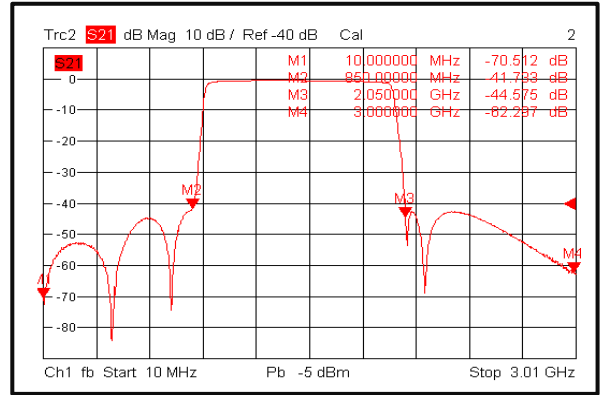
Input VSWR



Output VSWR



Rejection



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