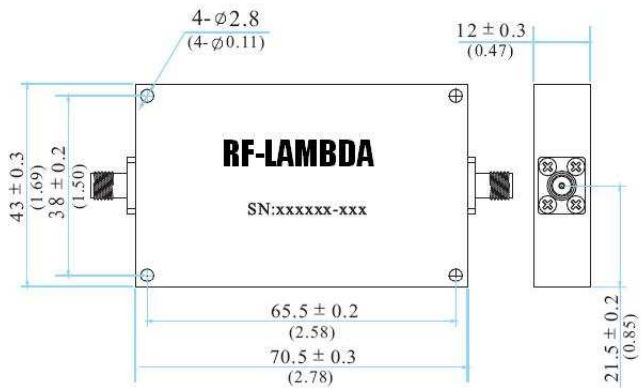




SSS HIGH PASS FILTER 1-4GHz

Summary:

- SSS Filter - Suspended Substrate Stripline Filter
- Flat frequency response and low insertion loss..
- Covers the 1 GHz to 18 GHz Frequency Range
- Wide bandwidth and 3 dB BW Available from 5-50% (f_0)
- Designs that Cover up to 40 GHz Also Available
- MIL-E-5400 standard

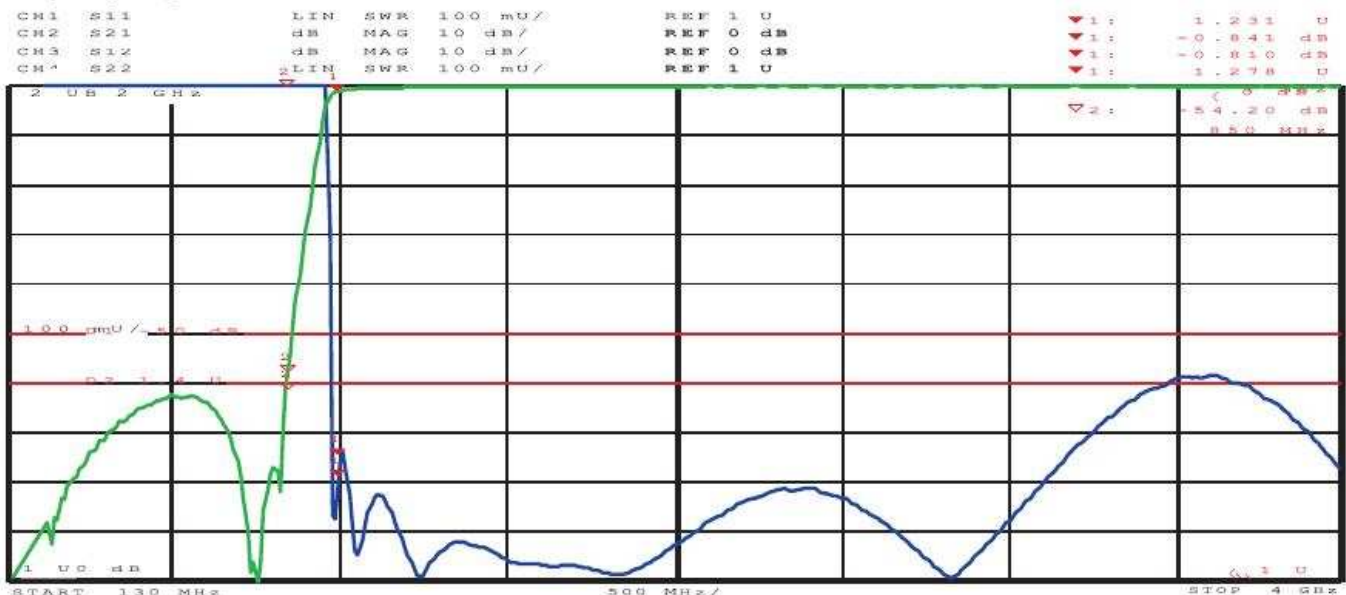


Environmental Specifications:

Operational Temp. Range: -55°C~+85°C
 Storage Temp. Range: -55°C~+100°C

Pass Band (GHz)	Insertion Loss (dB)	VSWR	Stop Band (GHz)	Rejection (dB)	Connector	Power (W)
1-4	1.00	1.80	DC-0.8	50	SMA-F	15

Frequency Response and VSWR

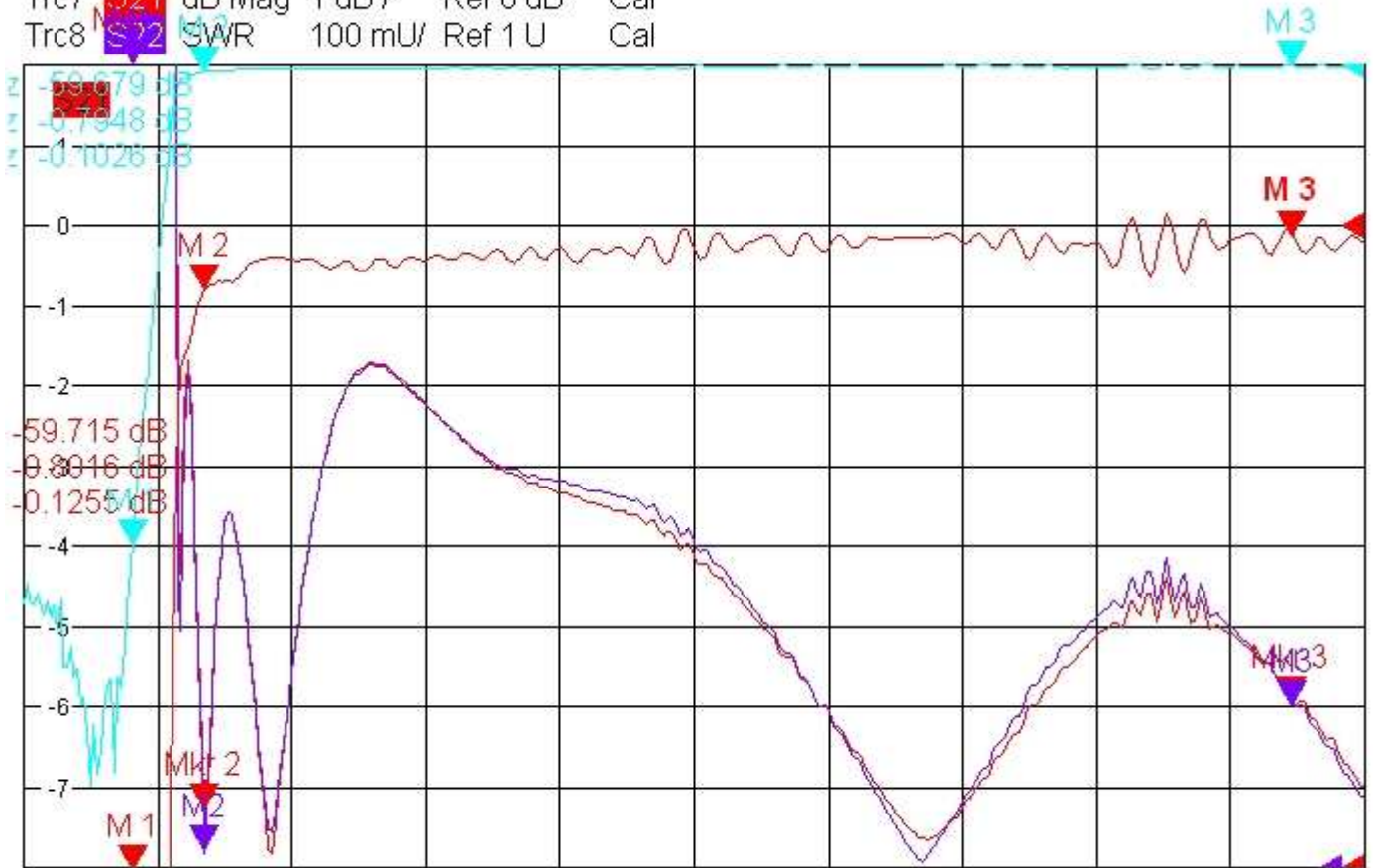


High Pass Suspended Substrate Stripline Filter 1-4GHz



Trc1	S11	SWR	100 mU/	Ref 1 U	Cal
Trc6	S11	dB Mag	10 dB /	Ref 0 dB	Cal
Trc7	S21	dB Mag	1 dB /	Ref 0 dB	Cal
Trc8	S22	SWR	100 mU/	Ref 1 U	Cal

1



Ch1 Start 500 MHz

Base Pwr 0 dBm

Stop 4.2 GHz

9/29/2011, 10:45 AM

High Pass Suspended Substrate Stripline Filter 1-4GHz