Part No. WFIL-H100-1000F

0.1-1GHz Highpass Filter/SMA



Features:

- Low VSWR
- Low Insertion Loss
- High Performance

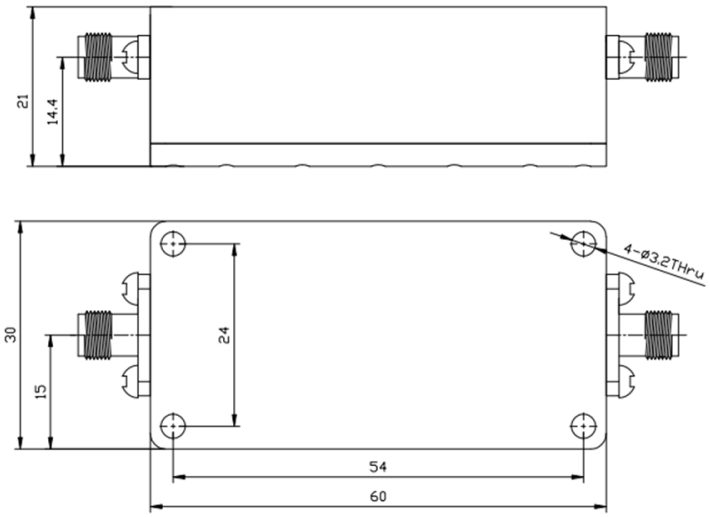
RoHS Compliant

Electrical Specification	
Pass Band Frequency	0.1-1GHz
Description	Highpass Filter
Insertion Loss	2.0dB max.
Return Loss	10dB min.
Rejection	DC-82.3MHz:60dB min. 82.3-85MHz:40dB min. 85-92.3MHz : 20dB min.
Impedance	50 Ohm
Power Handling	5W
Connector Type	SMA Female

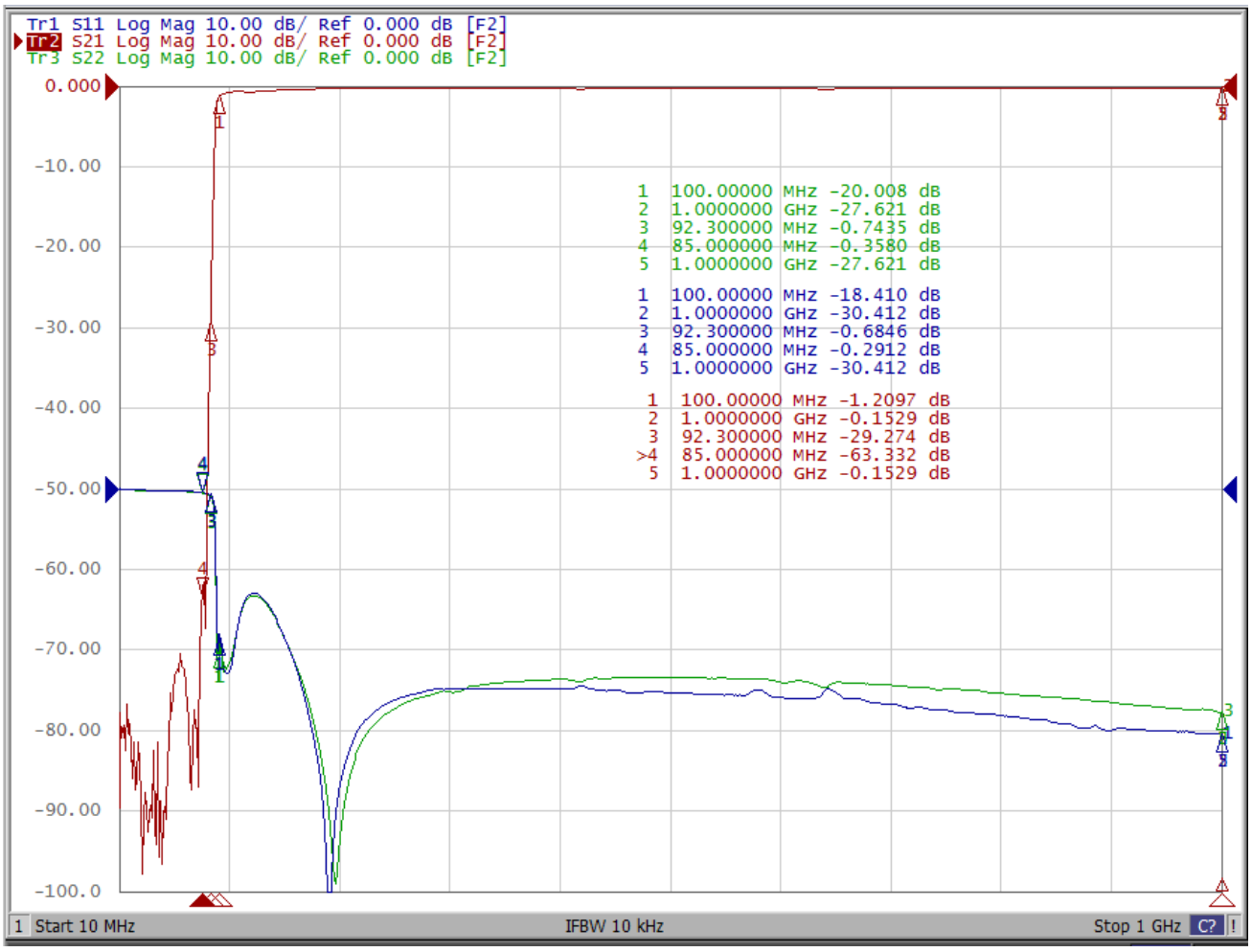
Environmental Specification	
Operating Temperature	0~+50℃

Outline

Unit:mm



Test Curve


Tr1 S11 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr2 S21 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr3 S22 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
-90.00
-100.0
1 100.00000 MHz -20.008 dB
2 1.0000000 GHz -27.621 dB
3 92.300000 MHz -0.7435 dB
4 85.000000 MHz -0.3580 dB
5 1.0000000 GHz -27.621 dB
1 100.00000 MHz -18.410 dB
2 1.0000000 GHz -30.412 dB
3 92.300000 MHz -0.6846 dB
4 85.000000 MHz -0.2912 dB
5 1.0000000 GHz -30.412 dB
1 100.00000 MHz -1.2097 dB
2 1.0000000 GHz -0.1529 dB
3 92.300000 MHz -29.274 dB
>4 85.000000 MHz -63.332 dB
5 1.0000000 GHz -0.1529 dB
1 Start 10 MHz
IFBW 10 kHz
Stop 1 GHz