Part No. WFIL-H1500-14000F

1.5-14GHz Highpass Filter/SMA



Features:

- Low VSWR
- Low Insertion Loss
- High Performance

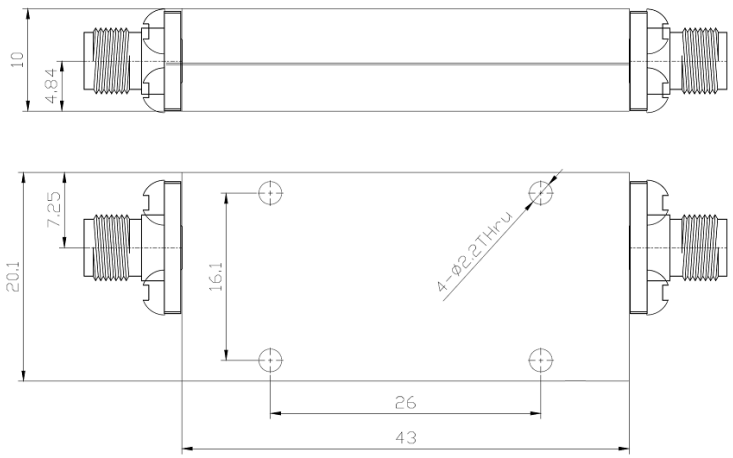
RoHS Compliant

Electrical Specification	
Pass Band Frequency	1.5-14GHz
Description	Highpass Filter
Insertion Loss	1.5-1.6GHz:1.5dB max. 1.6-14GHz:1.0dB max.
VSWR	1.5:1 max.
Rejection	DC-1170MHz: 50dB min.
Impedance	50 Ohm
Power Handling	15W
Connector Type	SMA Female

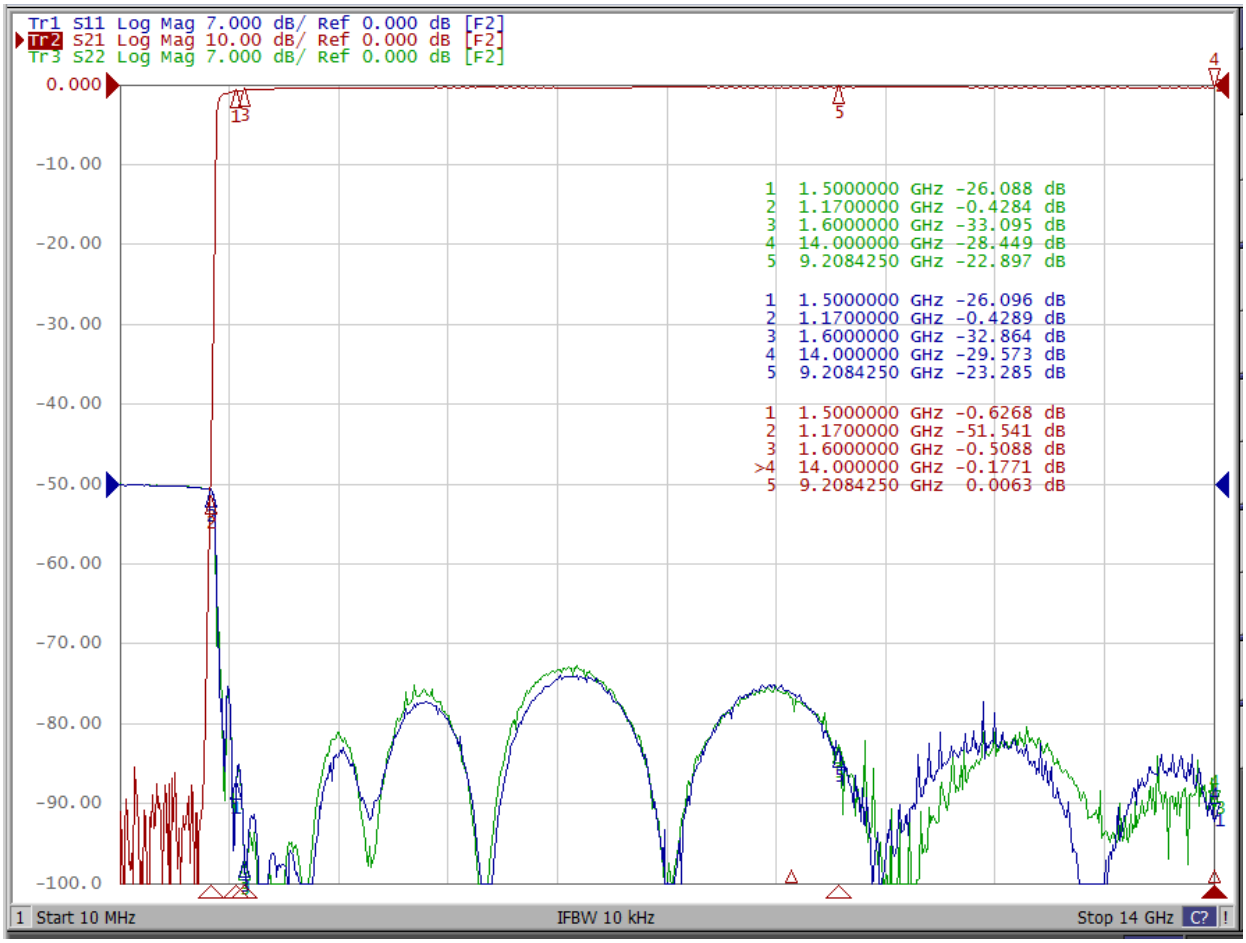
Environmental Specification	
Operating Temperature	0~+50℃

Outline

Unit:mm(Tolerance:±0.5mm)



Test Curve


Tr1 S11 Log Mag 7.000 dB/ Ref 0.000 dB [F2]
Tr2 S21 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr3 S22 Log Mag 7.000 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 1.5000000 GHz -26.088 dB
2 1.1700000 GHz -0.4284 dB
3 1.6000000 GHz -33.095 dB
4 14.000000 GHz -28.449 dB
5 9.2084250 GHz -22.897 dB
1 1.5000000 GHz -26.096 dB
2 1.1700000 GHz -0.4289 dB
3 1.6000000 GHz -32.864 dB
4 14.000000 GHz -29.573 dB
5 9.2084250 GHz -23.285 dB
1 1.5000000 GHz -0.6268 dB
2 1.1700000 GHz -51.541 dB
3 1.6000000 GHz -0.5088 dB
>4 14.000000 GHz -0.1771 dB
5 9.2084250 GHz 0.0063 dB
1 Start 10 MHz
IFBW 10 kHz
Stop 14 GHz