Part No. WFIL-N1427-1470F

1427-1470MHz Notch Filter/SMA



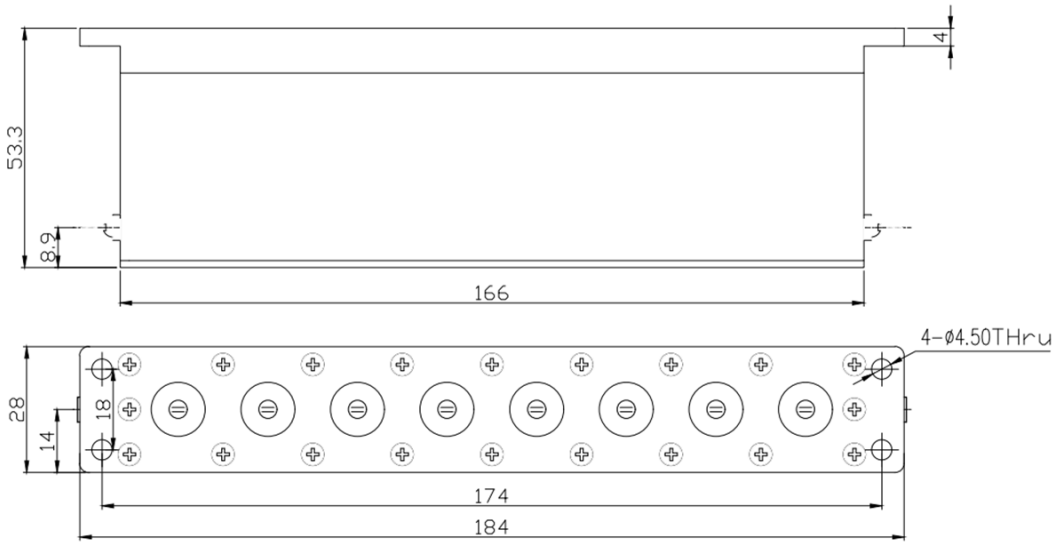
Features:

- Low VSWR
- Low Insertion Loss
- High Performance

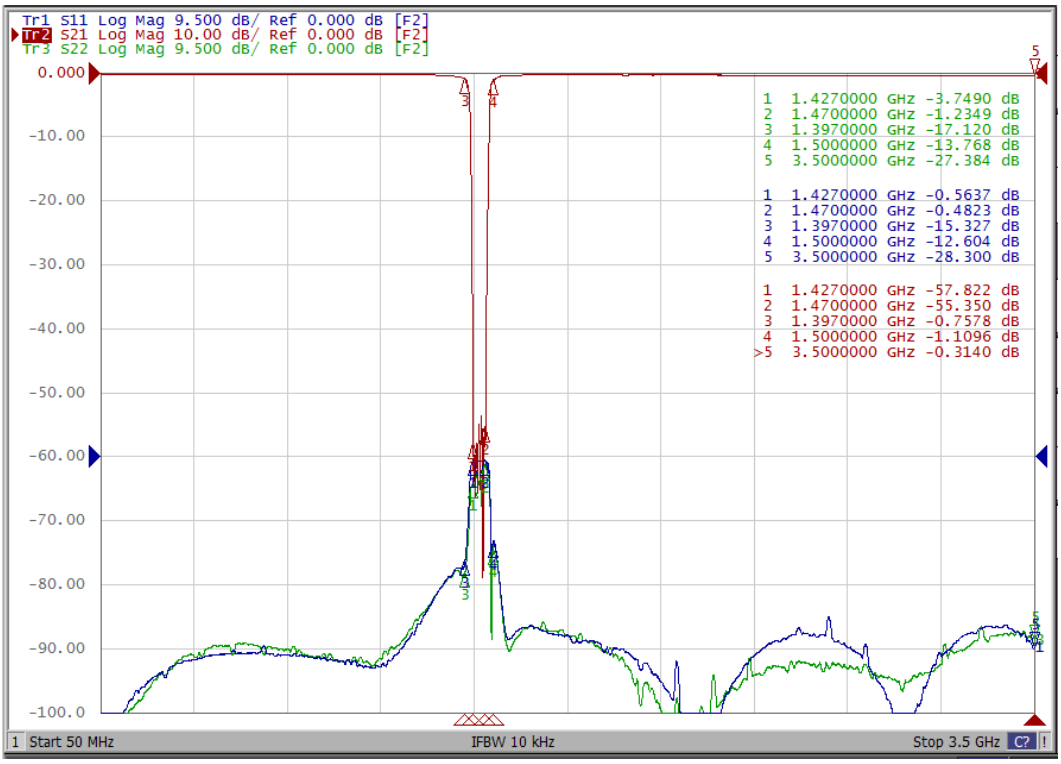
Electrical Specification	
Description	Notch Filter
Notch Depth	50dB min. :1427-1470MHz
Passband	DC-1397MHz , 1500-3500MHz
Insertion Loss	2.5dB max.
VSWR	2.0:1 max.
Impedance	50 Ohm
Power Handling	20W
Connector Type	SMA
Environmental Specification	
Operating Temperature	0~+55℃

Outline

Unit:mm



Test Curve


Tr1 S11 Log Mag 9.500 dB/ Ref 0.000 dB [F2]
Tr2 S21 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr3 S22 Log Mag 9.500 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 1.4270000 GHz -3.7490 dB
2 1.4700000 GHz -1.2349 dB
3 1.3970000 GHz -17.120 dB
4 1.5000000 GHz -13.768 dB
5 3.5000000 GHz -27.384 dB
1 1.4270000 GHz -0.5637 dB
2 1.4700000 GHz -0.4823 dB
3 1.3970000 GHz -15.327 dB
4 1.5000000 GHz -12.604 dB
5 3.5000000 GHz -28.300 dB
1 1.4270000 GHz -57.822 dB
2 1.4700000 GHz -55.350 dB
3 1.3970000 GHz -0.7578 dB
4 1.5000000 GHz -1.1096 dB
>5 3.5000000 GHz -0.3140 dB
1 Start 50 MHz
IFBW 10 kHz
Stop 3.5 GHz