Part No. WFIL-N1518-1525F

1518-1525MHz Notch Filter/SMA



Features:

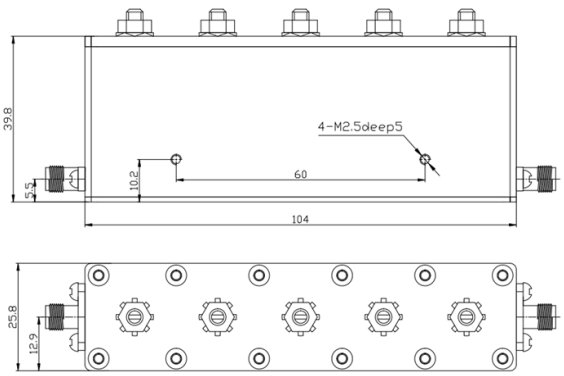
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
Notch Depth	50dB min.: 1518-1525MHz
Passband	DC-1503MHz , 1540-4000MHz
Insertion Loss	2.0dB max.
Return Loss	10dB min.
Passband Ripple	2.0dB(Max.)
Impedance	50 Ohm
Power Handling	5W
Connector Type	SMA Female

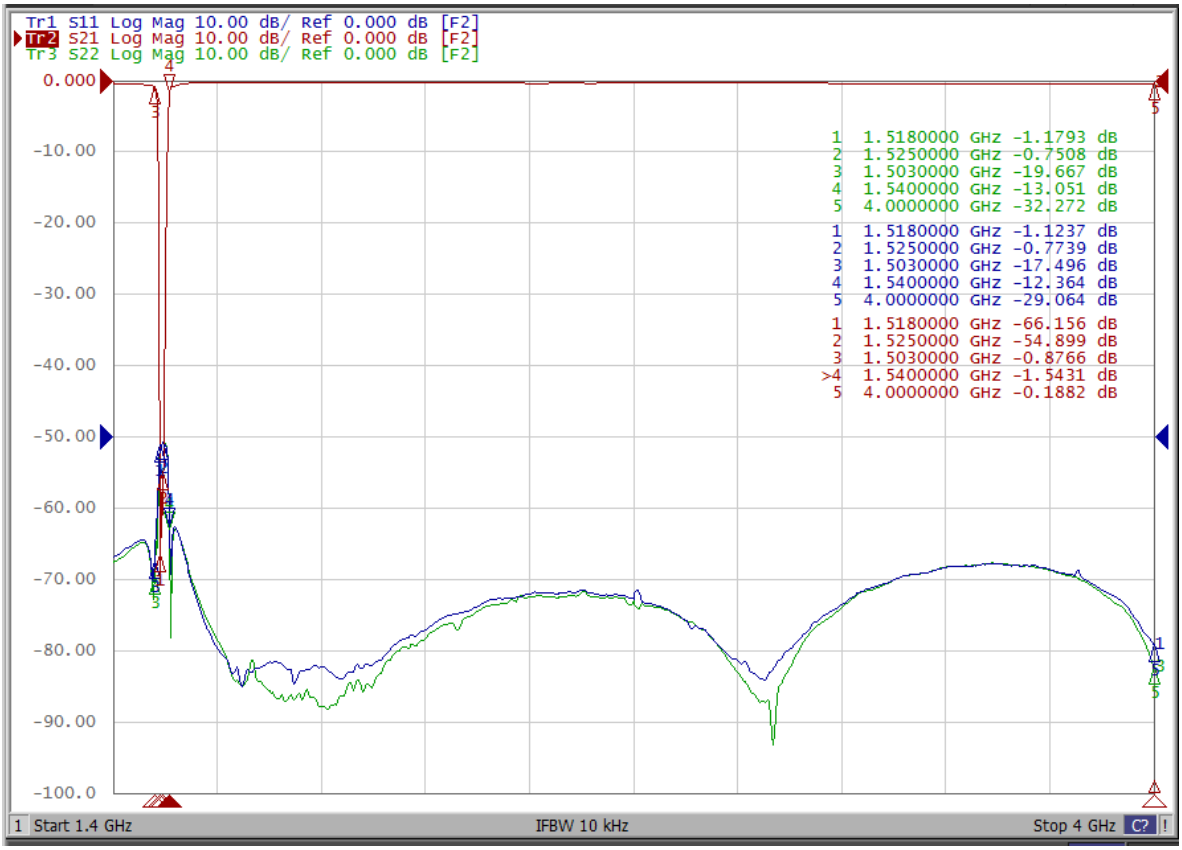
Environmental Specification	
Operating Temperature	0~+50℃

Outline

Unit:mm Tolerance:±0.5mm



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 1.5180000 GHz -1.1793 dB
2 1.5250000 GHz -0.7508 dB
3 1.5030000 GHz -19.667 dB
4 1.5400000 GHz -13.051 dB
5 4.0000000 GHz -32.272 dB
1 1.5180000 GHz -1.1237 dB
2 1.5250000 GHz -0.7739 dB
3 1.5030000 GHz -17.496 dB
4 1.5400000 GHz -12.364 dB
5 4.0000000 GHz -29.064 dB
1 1.5180000 GHz -66.156 dB
2 1.5250000 GHz -54.899 dB
3 1.5030000 GHz -0.8766 dB
>4 1.5400000 GHz -1.5431 dB
5 4.0000000 GHz -0.1882 dB
1 Start 1.4 GHz
IFBW 10 kHz
Stop 4 GHz