Part No. WFIL-N3800-5050F

3800-5050MHz Notch Filter/SMA



Features:

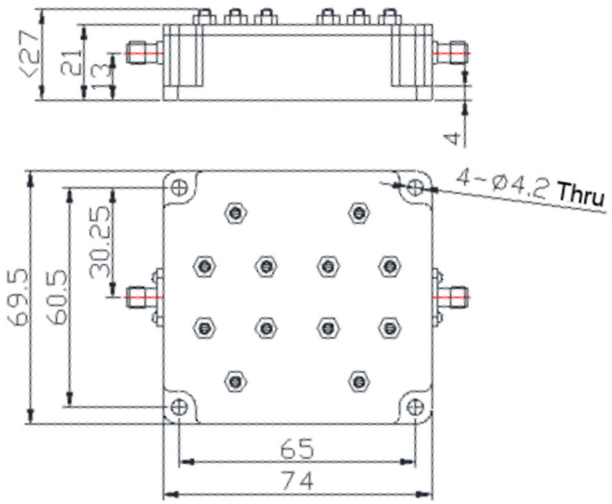
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
Notch Depth	50dB min.: 3800-5050MHz
Passband	3400-3700MHz,5150-5350MHz
Insertion Loss	1.0dB max .
Return Loss	14dB min.
Impedance	50 Ohm
Power Handling	10W
Connector Type	SMA Female

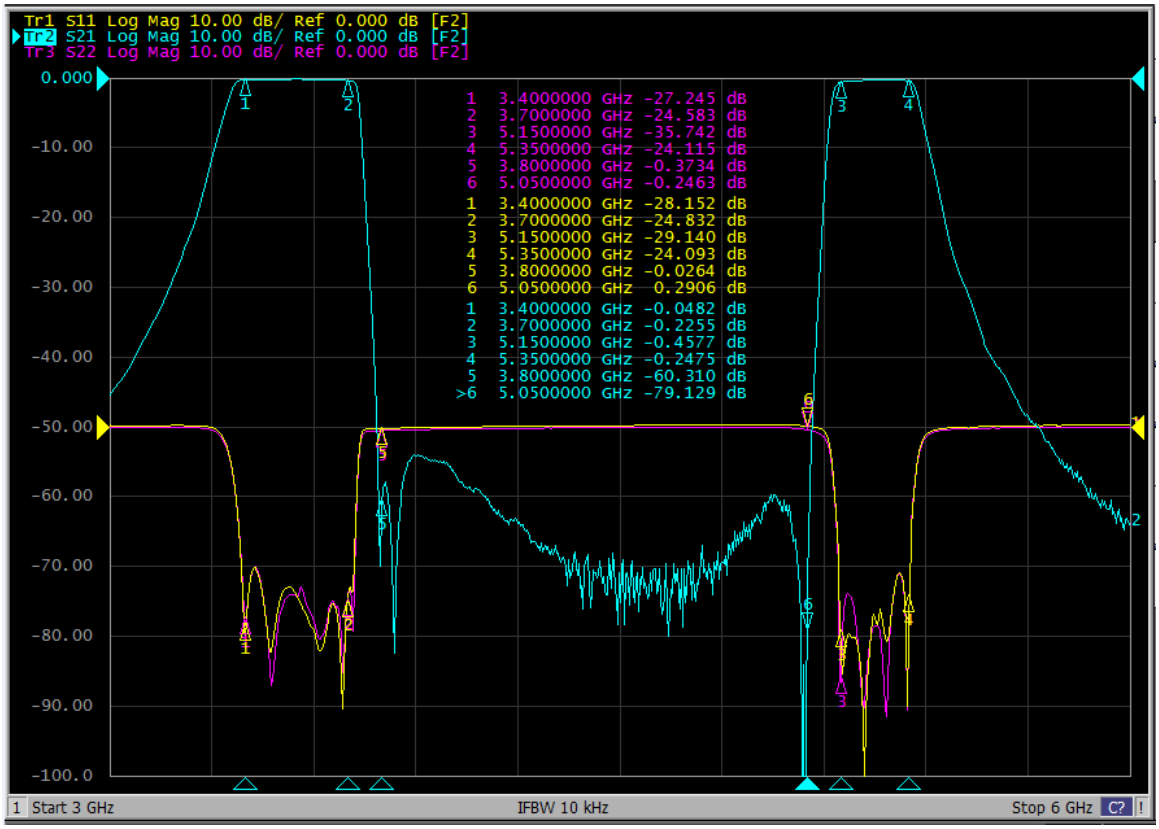
Environmental Specification	
Operating Temperature	0~+55℃

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 3.4000000 GHz -27.245 dB
2 3.7000000 GHz -24.583 dB
3 5.1500000 GHz -35.742 dB
4 5.3500000 GHz -24.115 dB
5 3.8000000 GHz -0.3734 dB
6 5.0500000 GHz -0.2463 dB
1 3.4000000 GHz -28.152 dB
2 3.7000000 GHz -24.832 dB
3 5.1500000 GHz -29.140 dB
4 5.3500000 GHz -24.093 dB
5 3.8000000 GHz -0.0264 dB
6 5.0500000 GHz 0.2906 dB
1 3.4000000 GHz -0.0482 dB
2 3.7000000 GHz -0.2255 dB
3 5.1500000 GHz -0.4577 dB
4 5.3500000 GHz -0.2475 dB
5 3.8000000 GHz -60.310 dB
>6 5.0500000 GHz -79.129 dB
1 Start 3 GHz
IFBW 10 kHz
Stop 6 GHz