Part No. WFIL-N4800-4900F

4800-4900MHz Notch Filter/SMA



Features:

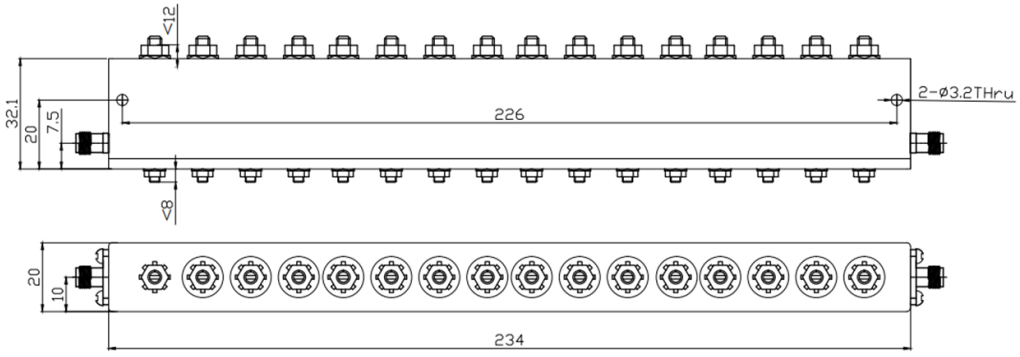
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
Notch Depth	50dB min.: 4800-4900MHz
Passband	DC-4790MHz,4910-8000MHz
Insertion Loss	2.0dB max.@DC-4780MHz,4920-8000MHz 4.0dB max.@4780-4790MHz,4910-4920MHz
Return Loss	10dB min.
Power Handling	50W
Impedance	50 Ohm
Connector Type	SMA Female

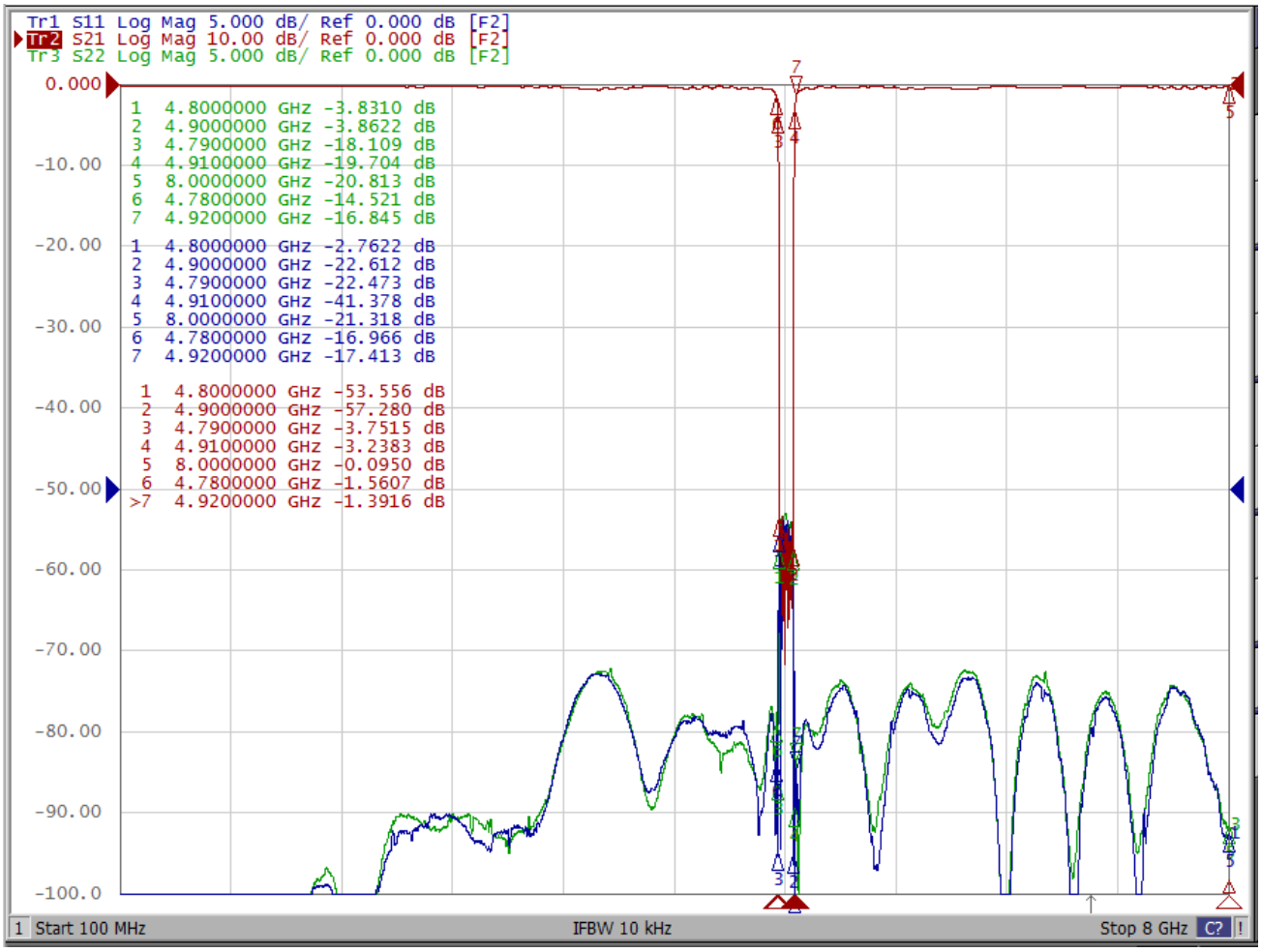
Environmental Specification	
Operating Temperature	15~+40℃

Outline

Unit:mm



Test Curve


Tr1 S11 Log Mag 5.000 dB/ Ref 0.000 dB [F2]
Tr2 S21 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr3 S22 Log Mag 5.000 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 4.8000000 GHz -3.8310 dB
2 4.9000000 GHz -3.8622 dB
3 4.7900000 GHz -18.109 dB
4 4.9100000 GHz -19.704 dB
5 8.0000000 GHz -20.813 dB
6 4.7800000 GHz -14.521 dB
7 4.9200000 GHz -16.845 dB
1 4.8000000 GHz -2.7622 dB
2 4.9000000 GHz -22.612 dB
3 4.7900000 GHz -22.473 dB
4 4.9100000 GHz -41.378 dB
5 8.0000000 GHz -21.318 dB
6 4.7800000 GHz -16.966 dB
7 4.9200000 GHz -17.413 dB
1 4.8000000 GHz -53.556 dB
2 4.9000000 GHz -57.280 dB
3 4.7900000 GHz -3.7515 dB
4 4.9100000 GHz -3.2383 dB
5 8.0000000 GHz -0.0950 dB
6 4.7800000 GHz -1.5607 dB
>7 4.9200000 GHz -1.3916 dB
1 Start 100 MHz
IFBW 10 kHz
Stop 8 GHz