Part No. WFIL-N3700-3800F

3700-3800MHz Notch Filter/SMA



Features:

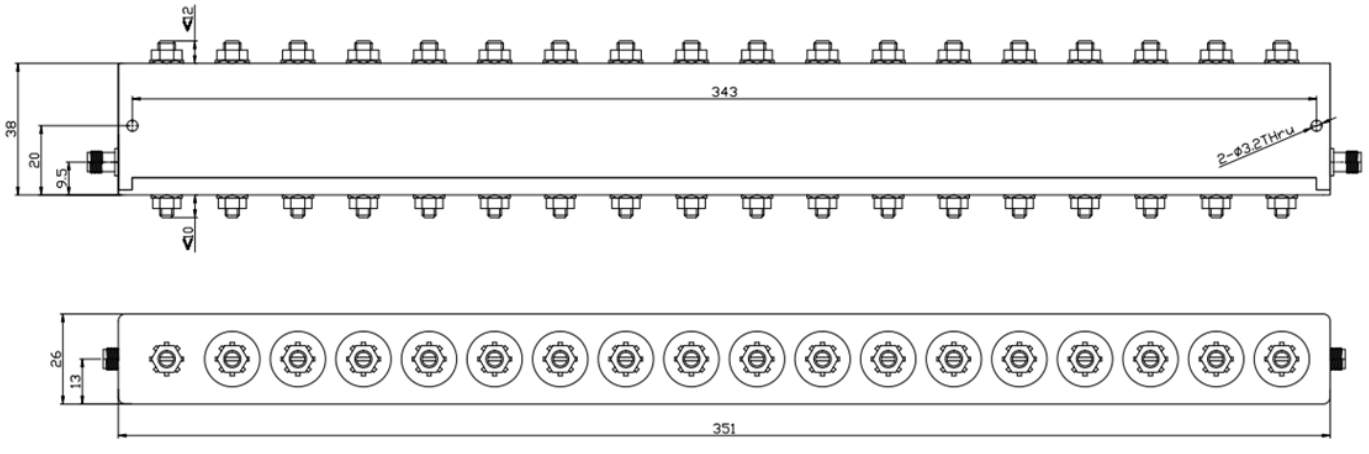
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
Notch Depth	50dB min.: 3700-3800MHz
Passband	DC-3690MHz,3810-7300MHz
Insertion Loss	2.5dB max.@DC-3680MHz,3820-7300MHz 3.5dB max.@3680-3690MHz,3810-3820MHz
Return Loss	10dB min.
Impedance	50 Ohm
Power Handling	20W
Connector Type	SMA Female

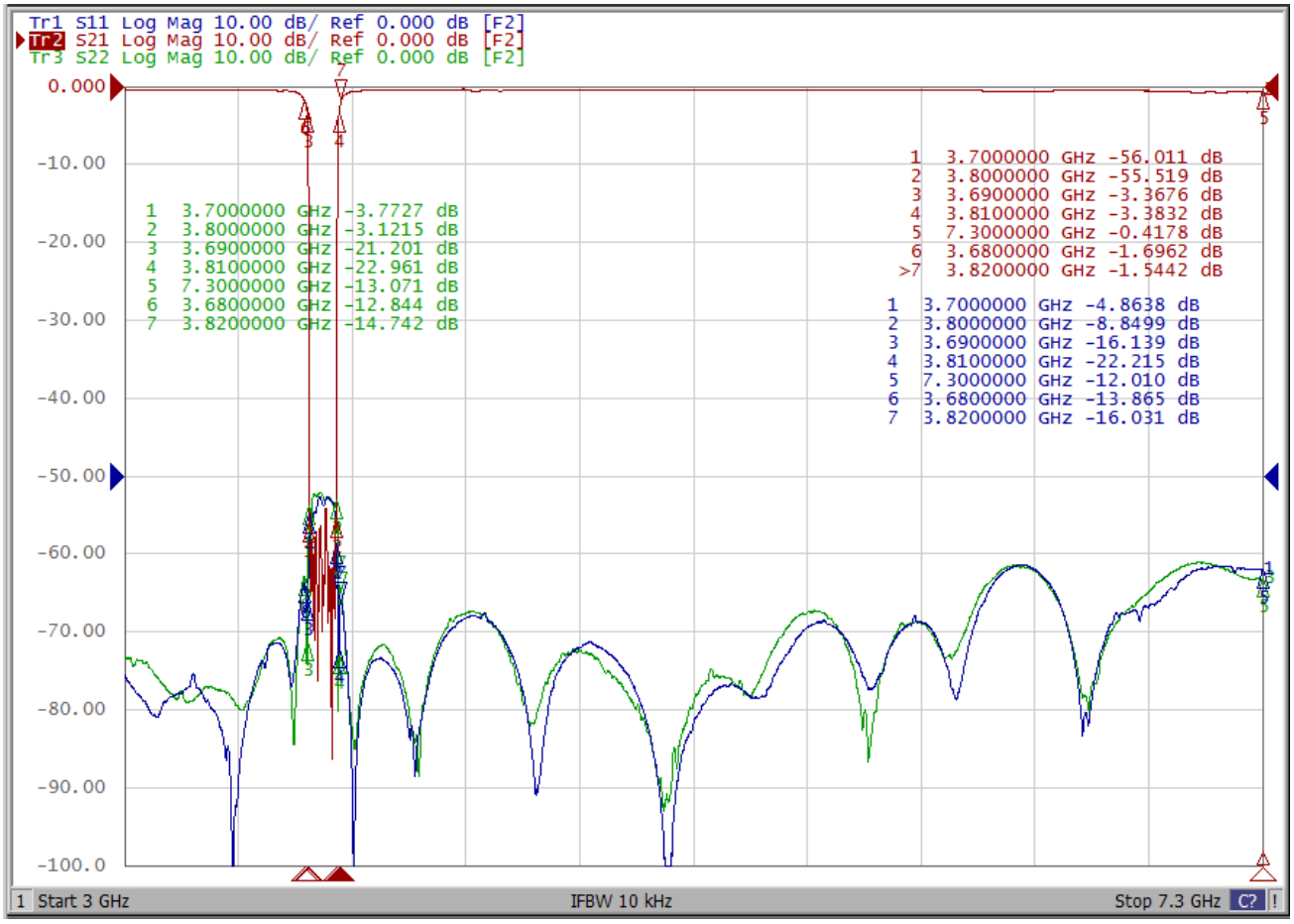
Environmental Specification	
Operating Temperature	+10~+45℃

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 3.7000000 GHz -3.7727 dB
2 3.8000000 GHz -3.1215 dB
3 3.6900000 GHz -21.201 dB
4 3.8100000 GHz -22.961 dB
5 7.3000000 GHz -13.071 dB
6 3.6800000 GHz -12.844 dB
7 3.8200000 GHz -14.742 dB
1 3.7000000 GHz -56.011 dB
2 3.8000000 GHz -55.519 dB
3 3.6900000 GHz -3.3676 dB
4 3.8100000 GHz -3.3832 dB
5 7.3000000 GHz -0.4178 dB
6 3.6800000 GHz -1.6962 dB
>7 3.8200000 GHz -1.5442 dB
1 3.7000000 GHz -4.8638 dB
2 3.8000000 GHz -8.8499 dB
3 3.6900000 GHz -16.139 dB
4 3.8100000 GHz -22.215 dB
5 7.3000000 GHz -12.010 dB
6 3.6800000 GHz -13.865 dB
7 3.8200000 GHz -16.031 dB
1 Start 3 GHz
IFBW 10 kHz
Stop 7.3 GHz