Part No. WFIL-N758-803F-02

758-803MHz Notch Filter/SMA

Features:

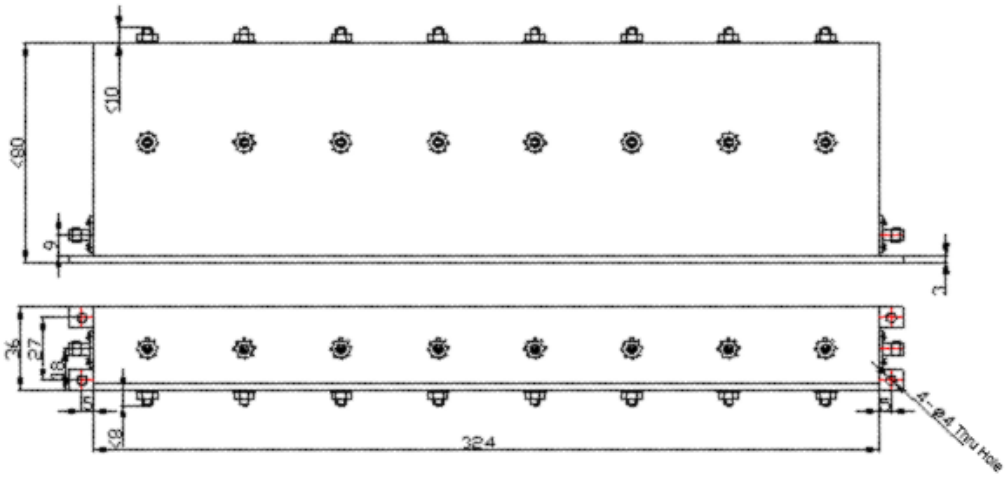
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
F0	780.5MHz
Notch Depth	40dB min.: 758-803MHz
Passband	DC-743MHz , 818-3500MHz
Insertion Loss	DC-743MHz,818-2500MHz:2.0dB max. 2500-3500MHz:2.5dB max.
Return Loss	10dB min.
Impedance	50 Ohm
Power Handling	10W
Connector Type	SMA

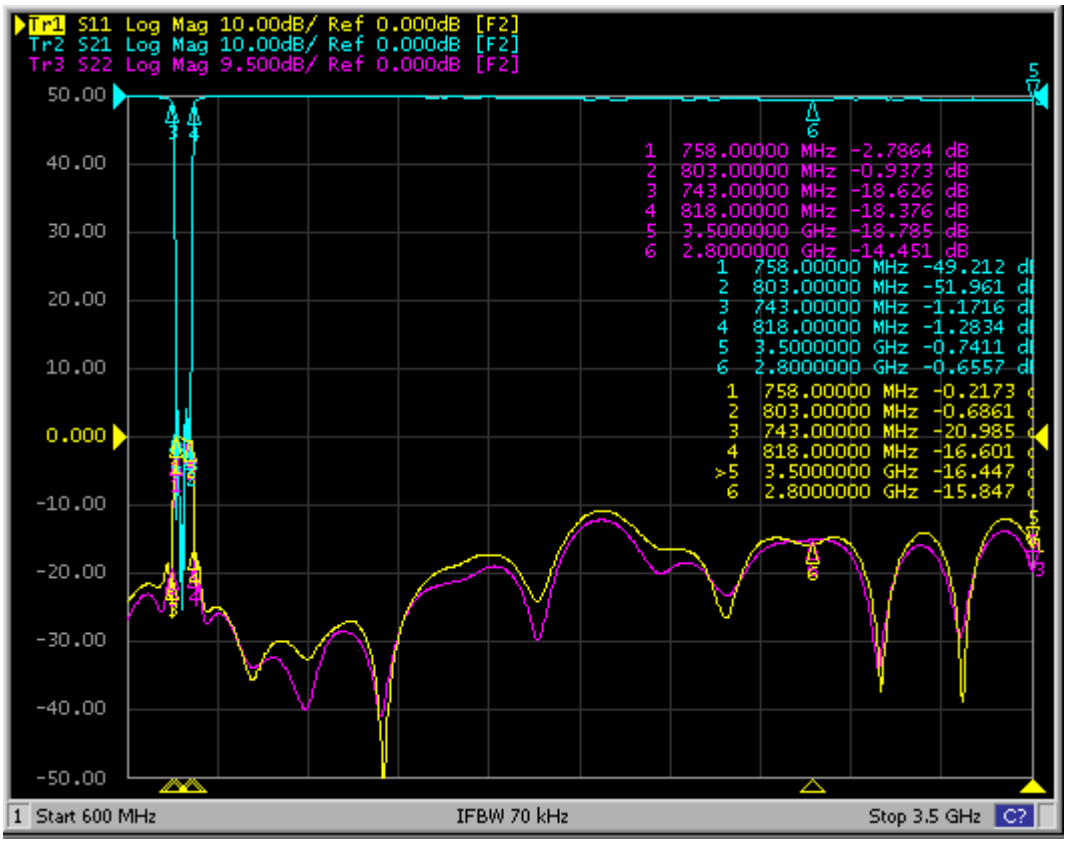
Environmental Specification	
Operating Temperature	0~+55℃

Outline

Unit:mm



Test Report


Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]
Tr3 S22 Log Mag 9.500dB/ Ref 0.000dB [F2]
50.00
40.00
30.00
20.00
10.00
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
1 758.00000 MHz -2.7864 dB
2 803.00000 MHz -0.9373 dB
3 743.00000 MHz -18.626 dB
4 818.00000 MHz -18.376 dB
5 3.5000000 GHz -18.785 dB
6 2.8000000 GHz -14.451 dB
1 758.00000 MHz -49.212 d
2 803.00000 MHz -51.961 d
3 743.00000 MHz -1.1716 d
4 818.00000 MHz -1.2834 d
5 3.5000000 GHz -0.7411 d
6 2.8000000 GHz -0.6557 d
1 758.00000 MHz -0.2173
2 803.00000 MHz -0.6861
3 743.00000 MHz -20.985
4 818.00000 MHz -16.601
>5 3.5000000 GHz -16.447
6 2.8000000 GHz -15.847
1 Start 600 MHz
IFBW 70 kHz
Stop 3.5 GHz