Part No. WFIL-N2496-2690F-02

2496-2690MHz Notch Filter/SMA

Features:

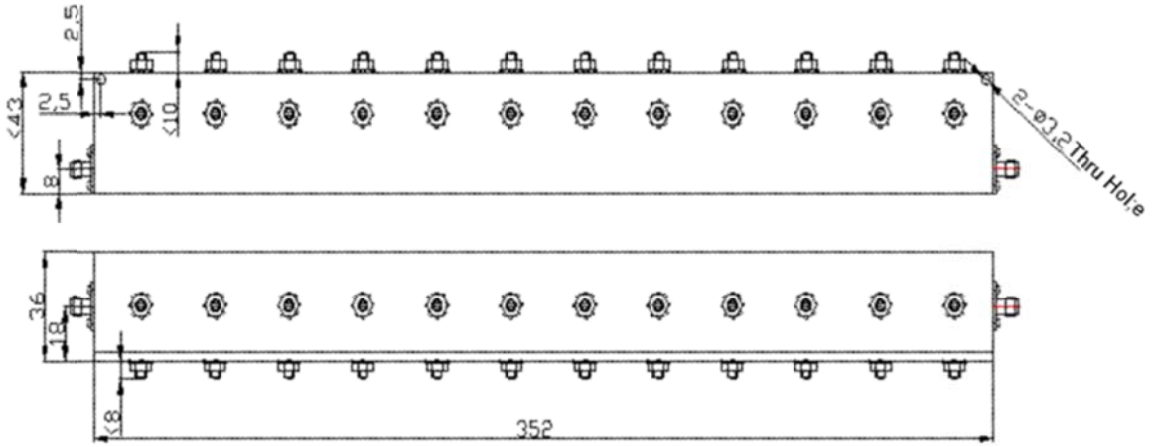
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
F0	2593MHz
Notch Depth	40dB min.: 2496-2690MHz
Passband	DC-2481MHz , 2705-3000MHz
Insertion Loss	2.0dB max.@DC-2476MHz,2710-3000MHz 3.2dB max.@2476-2481MHz,2705-2710MHz
Return Loss	10dB min.@ DC-2476MHz,2710-3000MHz 6dB min.@2476-2481MHz,2705-2710MHz
Impedance	50 Ohm
Power Handling	20W
Connector Type	SMA

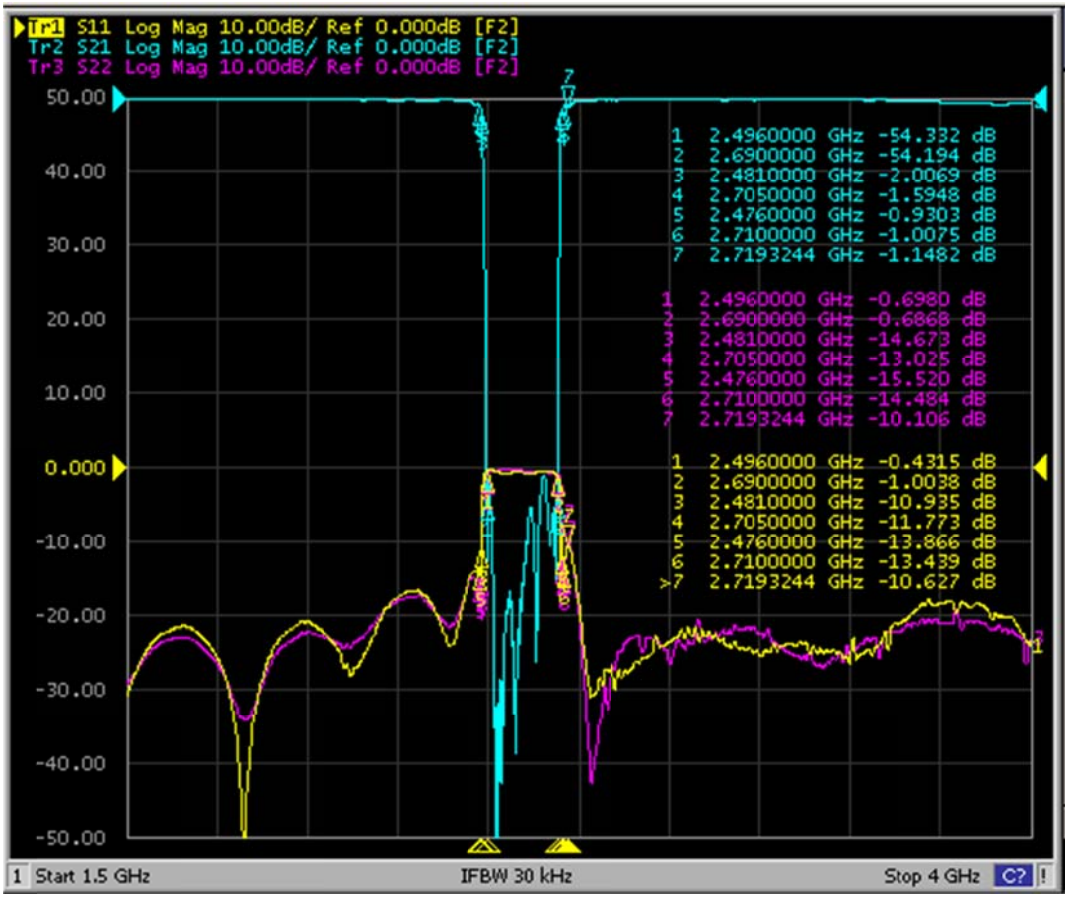
Environmental Specification	
Operating Temperature	0~+55℃

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 10.00dB/ 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 2.4960000 GHz -54.332 dB
2 2.6900000 GHz -54.194 dB
3 2.4810000 GHz -2.0069 dB
4 2.7050000 GHz -1.5948 dB
5 2.4760000 GHz -0.9303 dB
6 2.7100000 GHz -1.0075 dB
7 2.7193244 GHz -1.1482 dB
1 2.4960000 GHz -0.6980 dB
2 2.6900000 GHz -0.6868 dB
3 2.4810000 GHz -14.673 dB
4 2.7050000 GHz -13.025 dB
5 2.4760000 GHz -15.520 dB
6 2.7100000 GHz -14.484 dB
7 2.7193244 GHz -10.106 dB
1 2.4960000 GHz -0.4315 dB
2 2.6900000 GHz -1.0038 dB
3 2.4810000 GHz -10.935 dB
4 2.7050000 GHz -11.773 dB
5 2.4760000 GHz -13.866 dB
6 2.7100000 GHz -13.439 dB
>7 2.7193244 GHz -10.627 dB
1 Start 1.5 GHz
IFBW 30 kHz
Stop 4 GHz