Part No. WFIL-N698-716F

698-716MHz Notch Filter/SMA



Features:

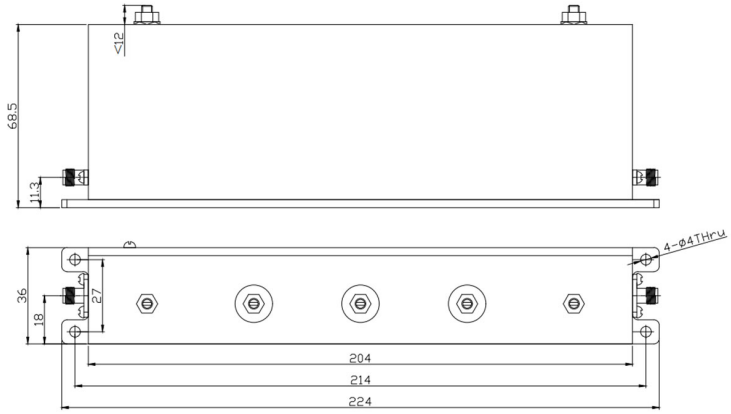
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
F0	707MHz
Notch Depth	50dB min. 60dB Goal: 698-716MHz
Passband	DC-662MHz , 752-1000MHz
Insertion Loss	2.0dB max.
Return Loss	10dB min.
3dB Bandwidth	75MHz Min.
Impedance	50 Ohm
Power Handling	10W
Connector Type	SMA Female

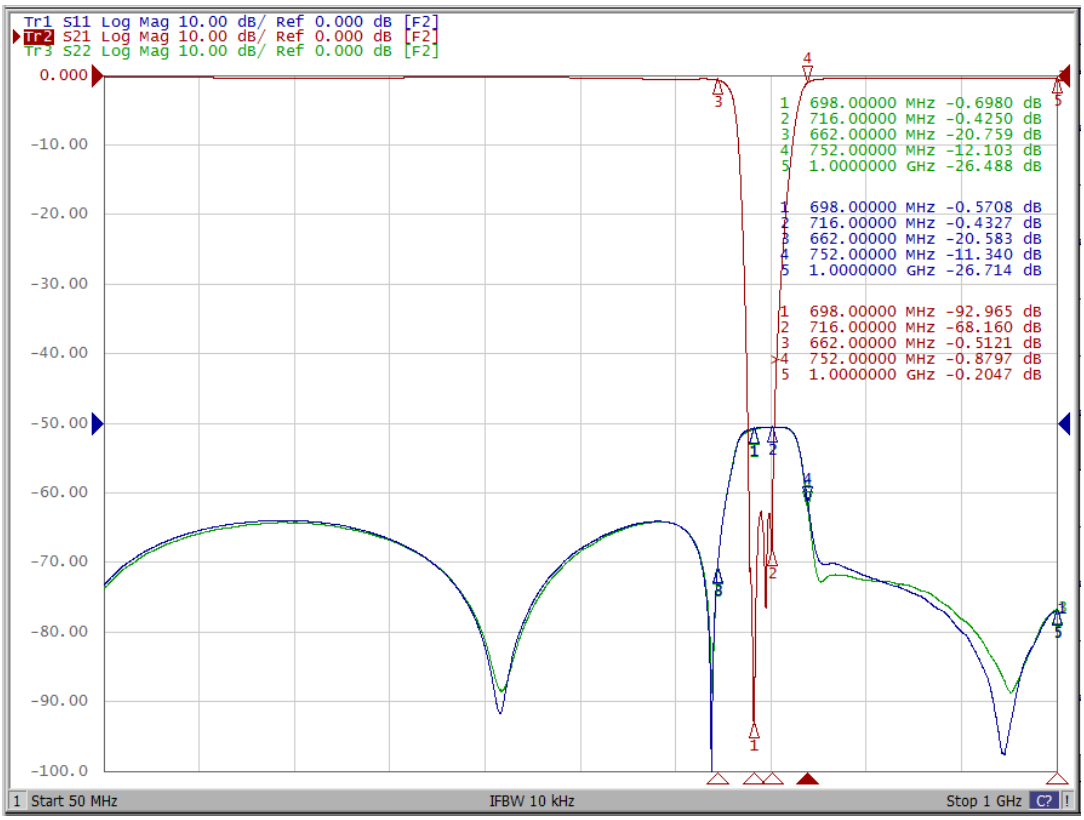
Environmental Specification	
Operating Temperature	0~+55℃

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
1 698.00000 MHz -0.6980 dB
2 716.00000 MHz -0.4250 dB
3 662.00000 MHz -20.759 dB
4 752.00000 MHz -12.103 dB
5 1.0000000 GHz -26.488 dB
1 698.00000 MHz -0.5708 dB
2 716.00000 MHz -0.4327 dB
3 662.00000 MHz -20.583 dB
4 752.00000 MHz -11.340 dB
5 1.0000000 GHz -26.714 dB
1 698.00000 MHz -92.965 dB
2 716.00000 MHz -68.160 dB
3 662.00000 MHz -0.5121 dB
4 752.00000 MHz -0.8797 dB
5 1.0000000 GHz -0.2047 dB
1 Start 50 MHz
IFBW 10 kHz
Stop 1 GHz