Part No. WFIL-H30-100F

30-100MHz Highpass Filter/N



Features:

- Low VSWR
- Low Insertion Loss
- High Performance

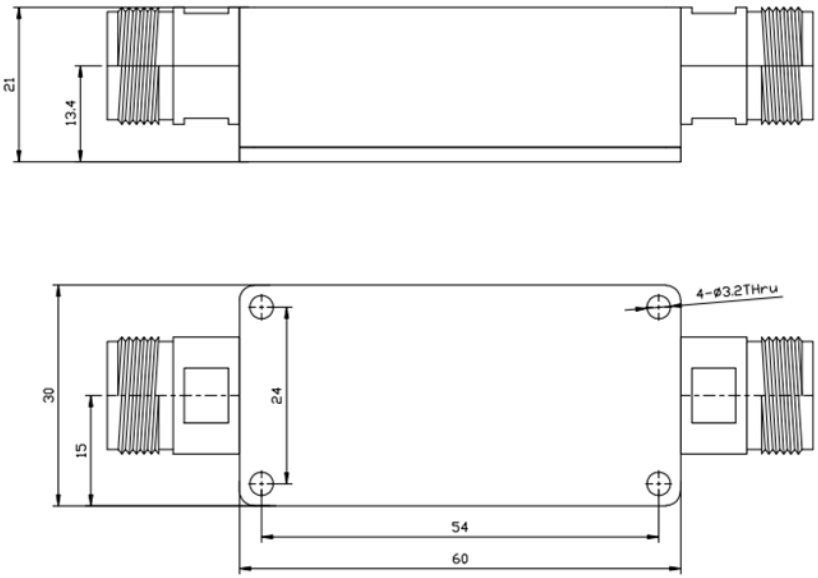
RoHS Compliant

Electrical Specification	
Passband Frequency	30-100MHz
Description	Highpass Filter
Insertion Loss	0.5dB max.
Return Loss	20dB min.
Rejection	15MHz: 40dB min
Power Handling	15W
Impedance	50 Ohm
Connector Type	N Female

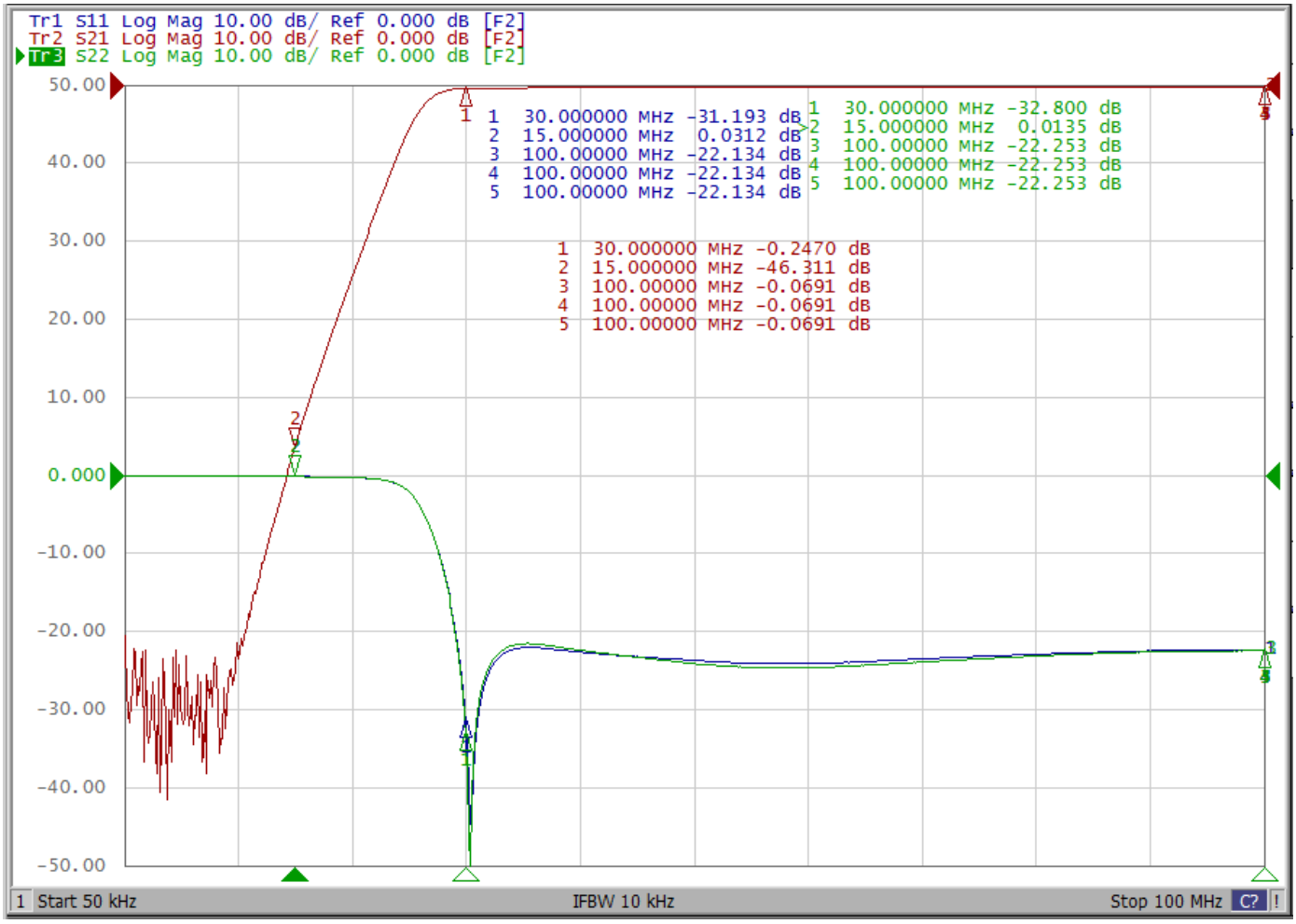
Environmental Specification	
Operating Temperature	0~+50℃

Outline

Unit:mm(Tolerance:±0.5)



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]
1 30.000000 MHz -31.193 dB
2 15.000000 MHz 0.0312 dB
3 100.00000 MHz -22.134 dB
4 100.00000 MHz -22.134 dB
5 100.00000 MHz -22.134 dB
1 30.000000 MHz -32.800 dB
2 15.000000 MHz 0.0135 dB
3 100.00000 MHz -22.253 dB
4 100.00000 MHz -22.253 dB
5 100.00000 MHz -22.253 dB
1 30.000000 MHz -0.2470 dB
2 15.000000 MHz -46.311 dB
3 100.00000 MHz -0.0691 dB
4 100.00000 MHz -0.0691 dB
5 100.00000 MHz -0.0691 dB
50.00
40.00
30.00
20.00
10.00
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
1 Start 50 kHz
IFBW 10 kHz
Stop 100 MHz