Part No. WFIL-L15F

DC-15MHz Lowpass Filter/N



Features:

- Low VSWR
- Low Insertion Loss
- High Performance

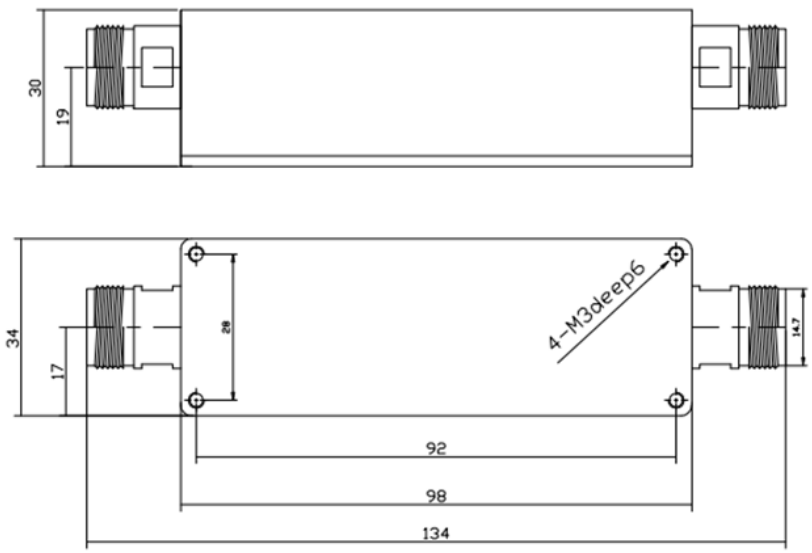
RoHS Compliant

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

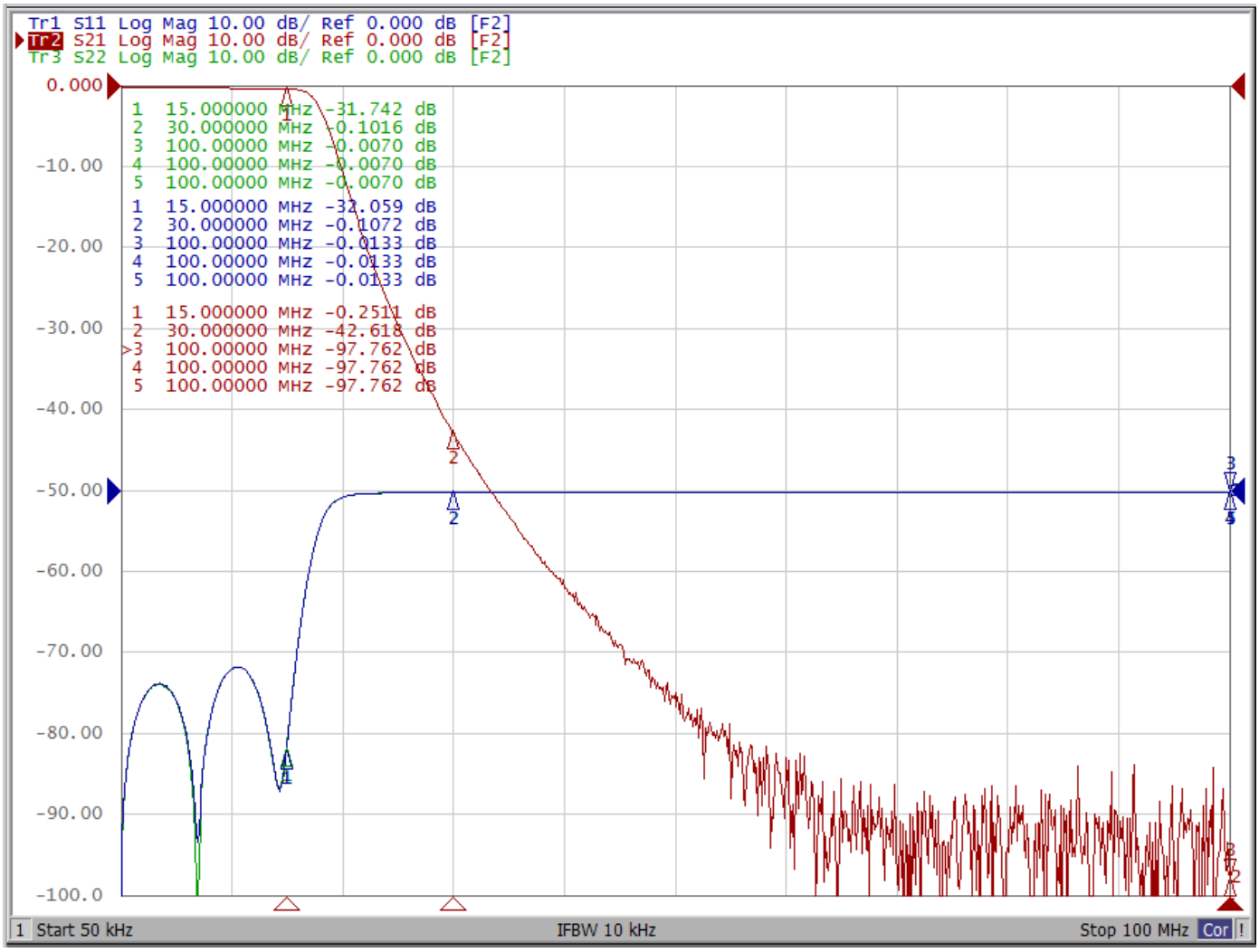
Environmental Specification	
Operating Temperature	0~+50℃

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]
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
-90.00
-100.0
1 15.000000 MHz -31.742 dB
2 30.000000 MHz -0.1016 dB
3 100.00000 MHz -0.0070 dB
4 100.00000 MHz -0.0070 dB
5 100.00000 MHz -0.0070 dB
1 15.000000 MHz -31.059 dB
2 30.000000 MHz -0.1072 dB
3 100.00000 MHz -0.0133 dB
4 100.00000 MHz -0.0133 dB
5 100.00000 MHz -0.0133 dB
1 15.000000 MHz -0.2511 dB
2 30.000000 MHz -42.618 dB
>3 100.00000 MHz -97.762 dB
4 100.00000 MHz -97.762 dB
5 100.00000 MHz -97.762 dB
1 Start 50 kHz
IFBW 10 kHz
Stop 100 MHz
Cor