# Part No. WFIL-B2305-2360F

## 2305-2360MHz Bandpass Filter/SMA



Features:

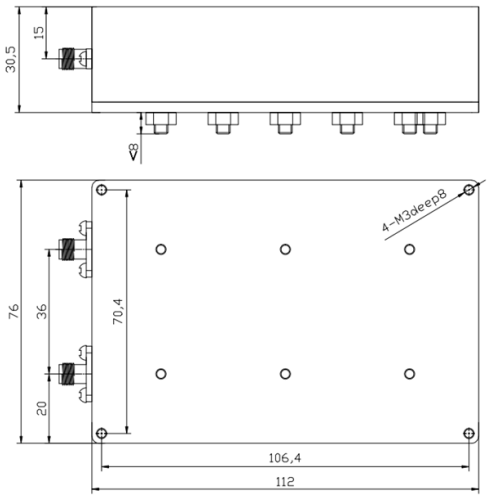
- Low VSWR
- Low Insertion Loss
- High Performance

| Electrical Specification | |
|---|---|
| Passband Frequency | 2305-2360MHz |
| Description | Bandpass Filter |
| Insertion Loss | 0.8dB max. |
| Passband Ripple | 0.6dB max. |
| VSWR | 1.5:1 max. |
| Rejection | DC-2250MHz:50dB min.<br>2400-6000MHz:50dB min. |
| Power Handling | 100W |
| Impedance | 50 Ohm |
| Connector Type | SMA Female |

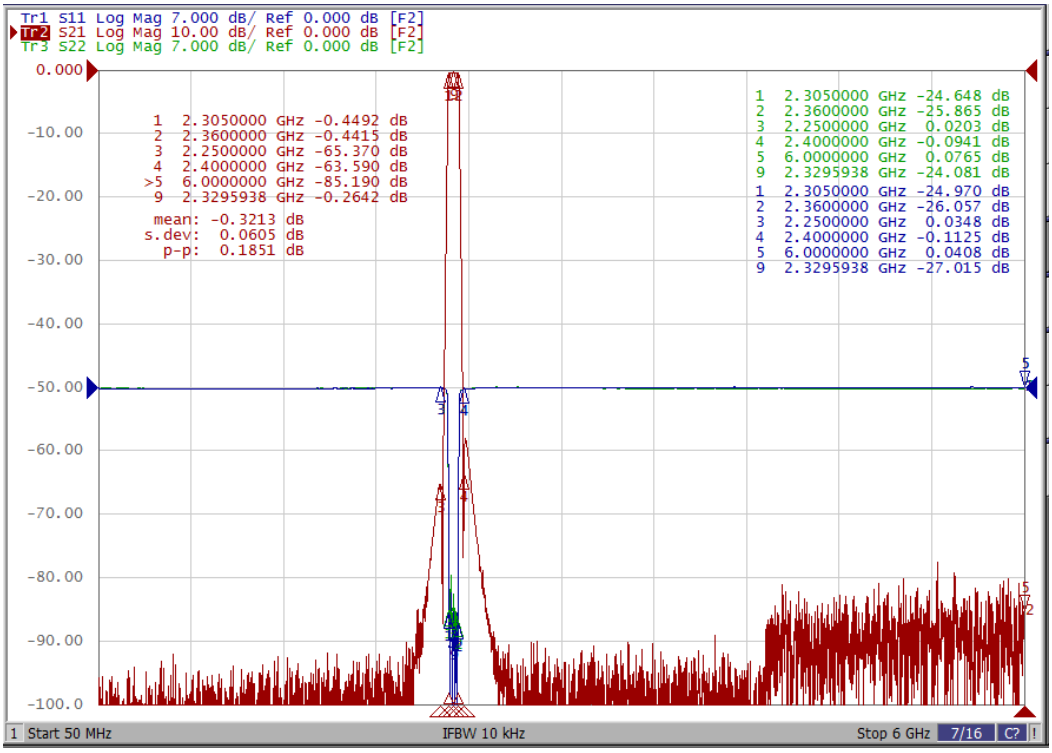
| Environmental Specification | |
|---|---|
| Operating Temperature | -0~+50℃ |

## Outline

Unit:mm



## Test Curve


Tr1 S11 Log Mag 7.000 dB/ Ref 0.000 dB [F2]
Tr2 S21 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr3 S22 Log Mag 7.000 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 2.3050000 GHz -0.4492 dB
2 2.3600000 GHz -0.4415 dB
3 2.2500000 GHz -65.370 dB
4 2.4000000 GHz -63.590 dB
>5 6.0000000 GHz -85.190 dB
9 2.3295938 GHz -0.2642 dB
mean: -0.3213 dB
s.dev: 0.0605 dB
p-p: 0.1851 dB
1 2.3050000 GHz -24.648 dB
2 2.3600000 GHz -25.865 dB
3 2.2500000 GHz 0.0203 dB
4 2.4000000 GHz -0.0941 dB
5 6.0000000 GHz 0.0765 dB
9 2.3295938 GHz -24.081 dB
1 2.3050000 GHz -24.970 dB
2 2.3600000 GHz -26.057 dB
3 2.2500000 GHz 0.0348 dB
4 2.4000000 GHz -0.1125 dB
5 6.0000000 GHz 0.0408 dB
9 2.3295938 GHz -27.015 dB
1 Start 50 MHz
IFBW 10 kHz
Stop 6 GHz
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