# Part No. WFIL-B2570-2620F

## 2570-2620MHz Bandpass Filter/SMA



Features:

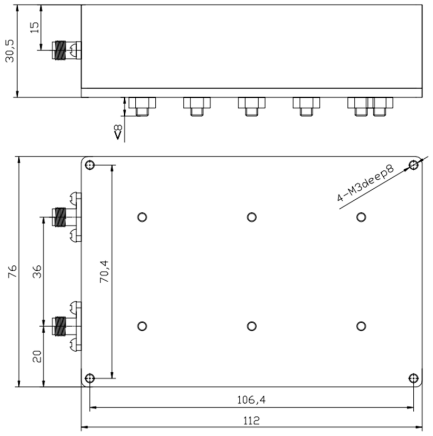
- Low VSWR
- Low Insertion Loss
- High Performance

| Electrical Specification | |
|---|---|
| Passband Frequency | 2570-2620MHz |
| Description | Bandpass Filter |
| Insertion Loss | 0.8dB max. |
| Passband Ripple | 0.6dB max. |
| VSWR | 1.5:1 max. |
| Rejection | DC-2530MHz:50dB min.<br>2660-6000MHz:50dB min. |
| Power Handling | 100W |
| Impedance | 50 Ohm |
| Connector Type | SMA Female |

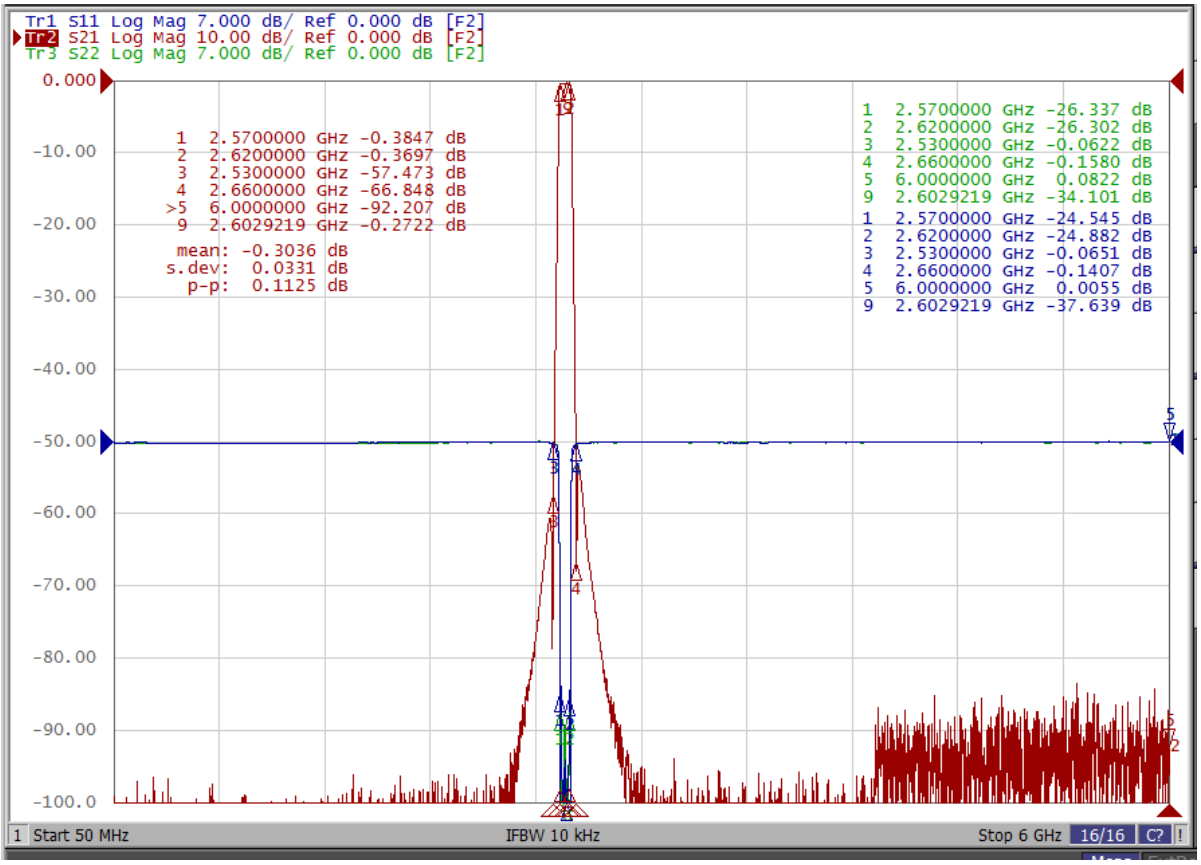
| Environmental Specification | |
|---|---|
| Operating Temperature | -0~+50℃ |

## 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 2.5700000 GHz -0.3847 dB
2 2.6200000 GHz -0.3697 dB
3 2.5300000 GHz -57.473 dB
4 2.6600000 GHz -66.848 dB
>5 6.0000000 GHz -92.207 dB
9 2.6029219 GHz -0.2722 dB
mean: -0.3036 dB
s.dev: 0.0331 dB
p-p: 0.1125 dB
1 2.5700000 GHz -26.337 dB
2 2.6200000 GHz -26.302 dB
3 2.5300000 GHz -0.0622 dB
4 2.6600000 GHz -0.1580 dB
5 6.0000000 GHz 0.0822 dB
9 2.6029219 GHz -34.101 dB
1 2.5700000 GHz -24.545 dB
2 2.6200000 GHz -24.882 dB
3 2.5300000 GHz -0.0651 dB
4 2.6600000 GHz -0.1407 dB
5 6.0000000 GHz 0.0055 dB
9 2.6029219 GHz -37.639 dB
1 Start 50 MHz
IFBW 10 kHz
Stop 6 GHz
16/16
C?