Part No. WFIL-B5925-7125F

5925-7125MHz Bandpass Filter/SMA



Features:

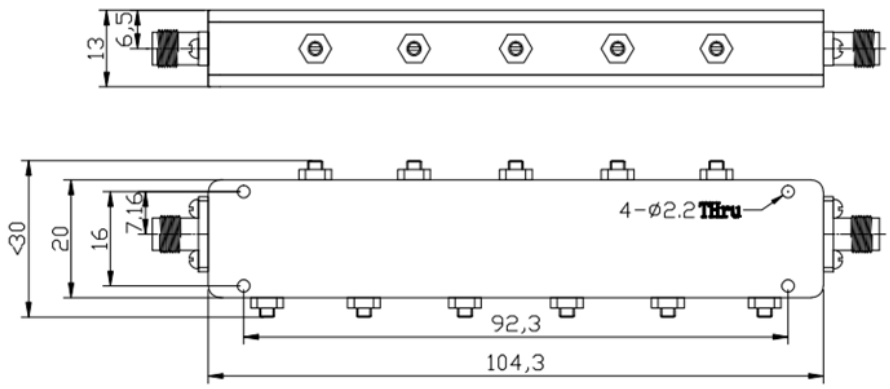
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Passband Frequency	5925-7125MHz
Description	Bandpass Filter
Insertion Loss	1.0dB max.
VSWR	1.5:1 max.
Rejection	DC-5700MHz:50dB min. 7425-10000MHz:50dB min.
Passband Ripple	0.9dB max.
Power Handling	15W
Impedance	50 Ohm
Connector Type	SMA Female

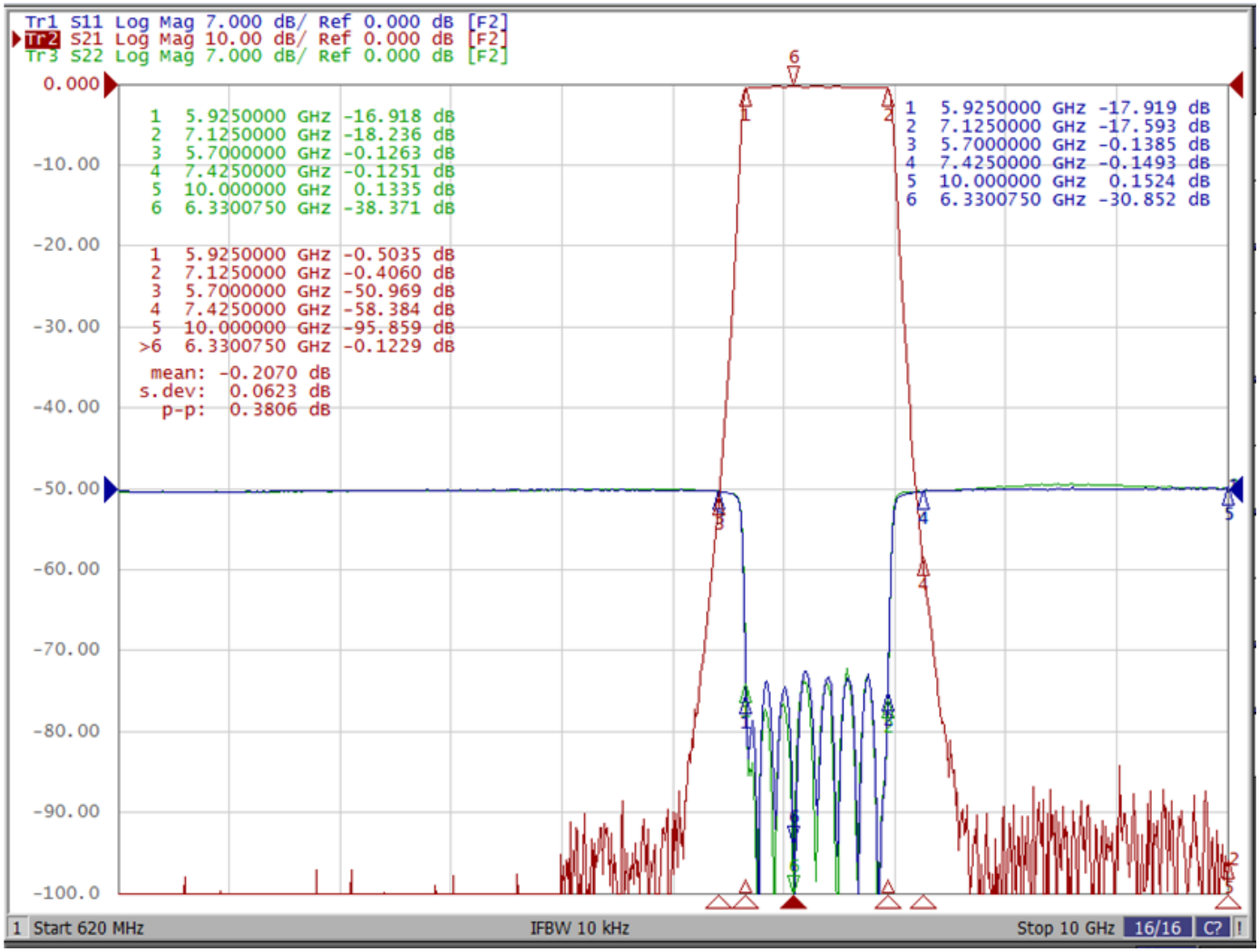
Environmental Specification	
Operating Temperature	-10~+55℃

Outline

Unit:mm(Tolerance:±0.5mm)



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 5.9250000 GHz -16.918 dB
2 7.1250000 GHz -18.236 dB
3 5.7000000 GHz -0.1263 dB
4 7.4250000 GHz -0.1251 dB
5 10.000000 GHz 0.1335 dB
6 6.3300750 GHz -38.371 dB
1 5.9250000 GHz -0.5035 dB
2 7.1250000 GHz -0.4060 dB
3 5.7000000 GHz -50.969 dB
4 7.4250000 GHz -58.384 dB
5 10.000000 GHz -95.859 dB
>6 6.3300750 GHz -0.1229 dB
mean: -0.2070 dB
s.dev: 0.0623 dB
p-p: 0.3806 dB
1 5.9250000 GHz -17.919 dB
2 7.1250000 GHz -17.593 dB
3 5.7000000 GHz -0.1385 dB
4 7.4250000 GHz -0.1493 dB
5 10.000000 GHz 0.1524 dB
6 6.3300750 GHz -30.852 dB
1 Start 620 MHz
IFBW 10 kHz
Stop 10 GHz
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