

Cavity Band Pass Filter

FPBPF-35000-3600-50-20-SF

3.5~3.6GHz, 50dB

Features:

- Small Size
- High Stopband Rejection

Applications:

- Telecom
- Laboratory Test
- Receivers
- Instrumentation

Electrical

Center Frequency (F0):	3550MHz
Passband Frequency:	3500 ~ 3600MHz **
Passband Insertion Loss:	≤2.0dB
Passband Ripple:	≤1.7dB
Stop Band Attenuation:	≥50dB @ DC ~ 3480MHz ≥50dB @ 3620 ~ 6500MHz
Passband Return Loss:	≥20dB
Impedance:	50 Ohms
Power Handling:	20W Max.

**The actual design bandwidth will be greater than the passband frequency, and there is no bandwidth limit.

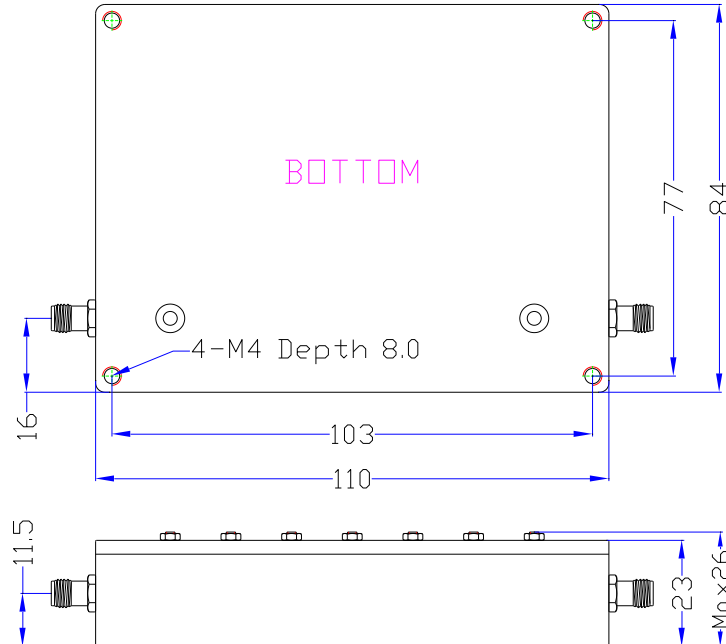
Mechanical

Connectors:	SMA-Female
Surface Finish:	Painted Black
Dimension:	110*84*23mm
Material:	6061 Aluminum alloy (Housing) LY12 Aluminum alloy (Cover) H62 Copper alloy (Tuning Screw) H59 Copper alloy (Resonant Column) Stainless Steel (Connectors and Other Screw)

Environmental

Temperature Range: -20 ~ +60°C

Construction



Note(s)

Unit: mm

Tolerance: ±0.4mm