

Technical proposal for JX-BSF1-2.4G2.5G-50SF Notch Filter

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2022/05/24	Vivian	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications

Dimension	L x W x H:60mm x 15mm x 10mm (Not including the tuning screws and connectors)
Connector Type	SMA-female
Surface Finish	Black Painting
Notes	Material shall be RoHS 6/6

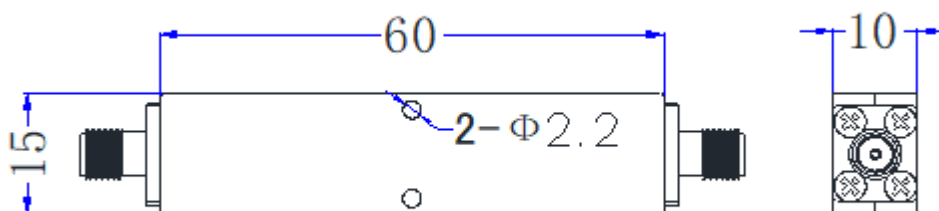


Figure 1 JX-BSF1-2.4G2.5G-50SF front panel layout

2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	Specifications
1	Notch Band	2400-2500MHz
2	Rejection	≥50dB
3	Passband	DC-2170MHz & 3000-18000MHz
4	Insertion loss	≤2.0dB
5	VSWR	≤2.0
6	Average Power	≤10W
7	Impedance	50Ω
8	Operational Temperature	Room Temperature
9	Storage Temperature	-40°C to +85 °C

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