

Technical proposal for JX-BSF1-16432-Sx Notch Filter

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2022/02/18	Vivian	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications

Dimension	L x W x H: 164mm x32mm x 20mm (Not including the tuning screws and connectors)
Connectors	SMA-Female(Stainless Steel)
Finish	Black Painting
Notes	Material shall be RoHS 6/6

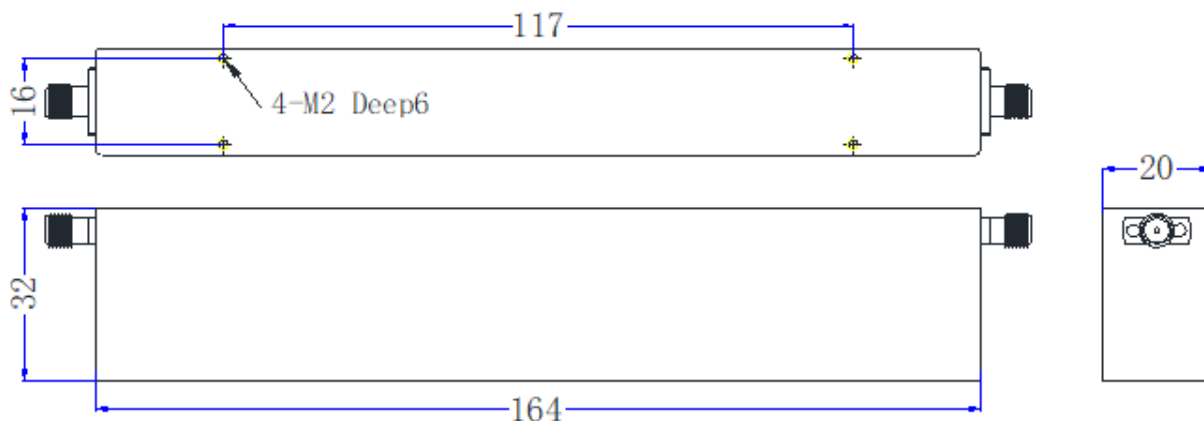


Figure 1 JX-BSF1-16432-Sx front panel layout

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2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	Specifications						
1	Model Number	JX-BSF 1-16432 -S1	JX-BSF 1-16432- S2	JX-BSF 1-16432 -S3	JX-BSF 1-16432 -S4	JX-BSF 1-16432 -S5	JX-BSF 1-16432 -S6	JX-BSF1 -16432- S7
2	Notch Band	3300-38 00MHz	3300-38 00MHz (Center:3 550MHz)	3300-38 50MHz	3300-42 00MHz (Center: 3850MH z)	3800-42 00MHz	4400-50 00MHz	4400-50 00MHz (Center: 4700MH z)
3	Passband	DC-3270 MHz & 3830-800 0MHz	DC-3150 MHz & 3950-7000 MHz	DC-3270 MHz & 3880-800 0MHz	DC-3150 MHz & 4350-700 0MHz	DC-3770 MHz & 4230-800 0MHz	DC-4370 MHz & 5030-800 0MHz	DC-4250 MHz & 5150-700 0MHz
4	Rejection	≥40dB	≥70dB	≥40dB	≥70dB	≥40dB	≥40dB	≥70dB
5	Insertion loss	≤3.0	≤2.0dB	≤3.0	≤2.0dB	≤3.0	≤3.0	≤2.0dB
6	VSWR	≤2.0	≥12dB	≤2.0	≥12dB	≤2.0	≤2.0	≥12dB
7	Average Impedanc	≤20W						
8	Impedance	50Ω						
9	Operational Temperature	Room Temperature						
10	Storage Temperature	-40°C to +85°C						

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