

Technical Proposal for JX-BPF1-2G6G-60S Bandpass Filter

- ◆ High Reliability
- ◆ High Performance

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2020/06/15	Lin liqun	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications @ JX-BPF1-2G6G-60S

Dimension	LxWxH:92 mm x23 mm x 10mm
Port connectors	SMA-Female
Finish	Guide Oxygen or Black Paint
Weight	0.06kg
Notes	Material shall be RoHS 6/6

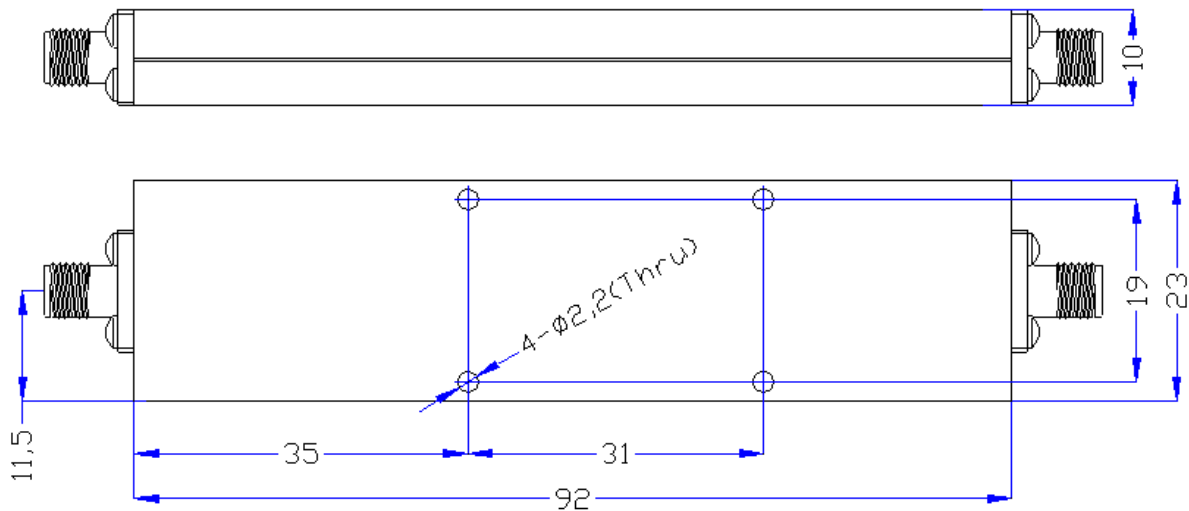


Figure 1 JX-BPF1-2G6G-60S front panel layout

2. Electrical analysis

2.1 Electrical specifications

Table 2 Electrical specifications @ JX-BPF1-2G6G-60S

Item	Parameter	Specification
1	Frequency range	2-6GHz
2	VSWR	≤1.6 Typ 1.5
3	Insertion loss	≤1.5dB
4	Rejection	≥60dB @ DC-1.4GHz
		≥60dB @ 6.9-18GHz
5	Power	5W
6	Impedance	50Ω

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2.2 The test curve

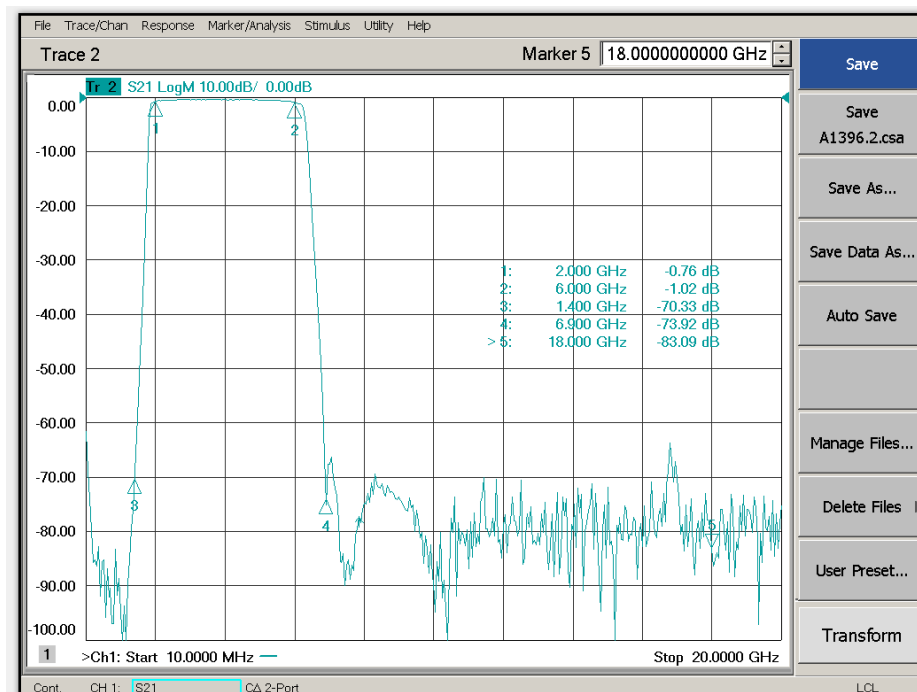
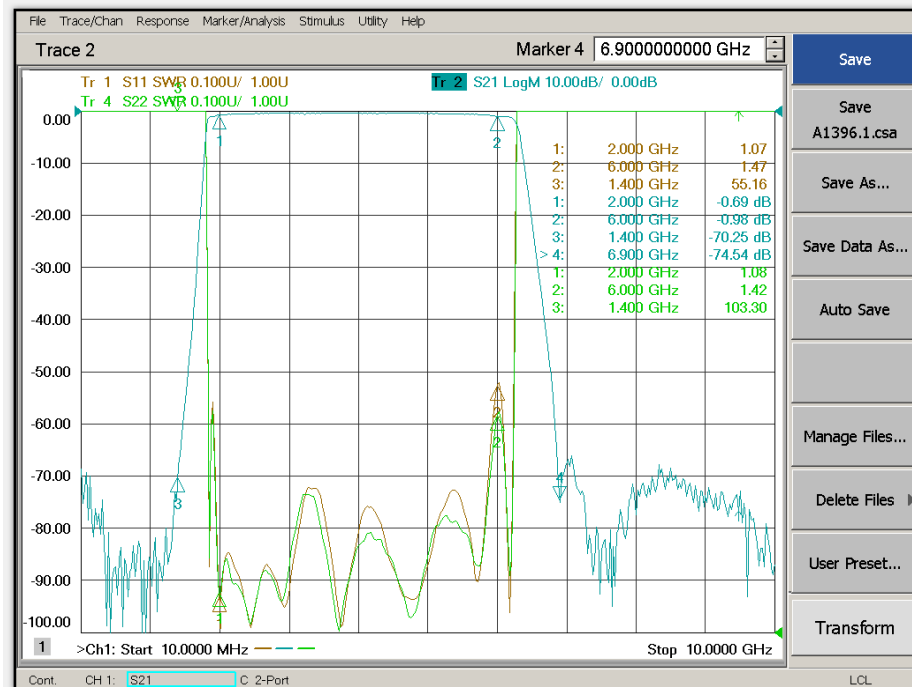


Figure 2 The curve of the Filter

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