

Technical Proposal for JX-BSF1-1080M1100M-S30 Bandstop Filter

◆ High Reliability

◆ High Performance

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2020/07/08	Lin liqun	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications @ JX-BSF1-1080M1100M-S30

Dimension	LxWxH:145 mm x65 mm x 28mm
Port connectors	SMA-Female
Finish	Black
Notes	Material shall be RoHS 6/6

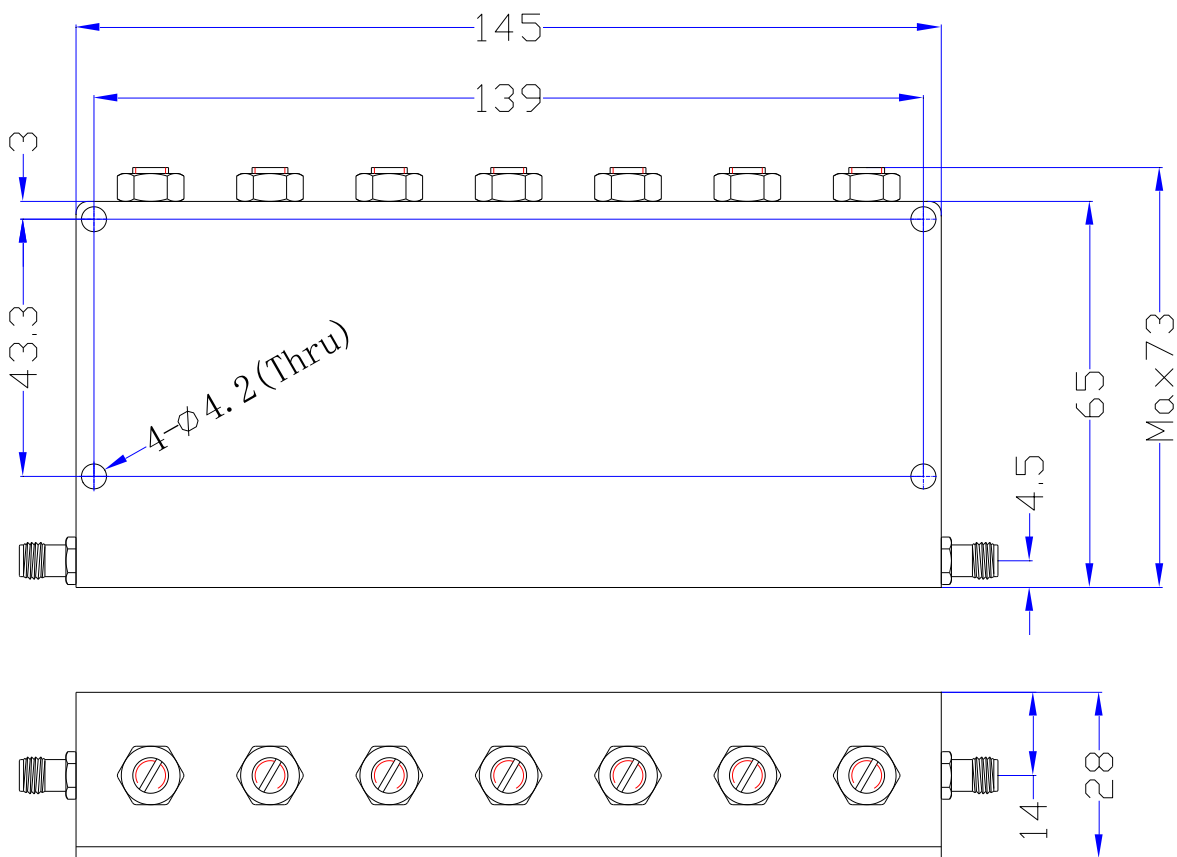


Figure 1 JX-BSF1-1080M1100M-S30 front panel layout

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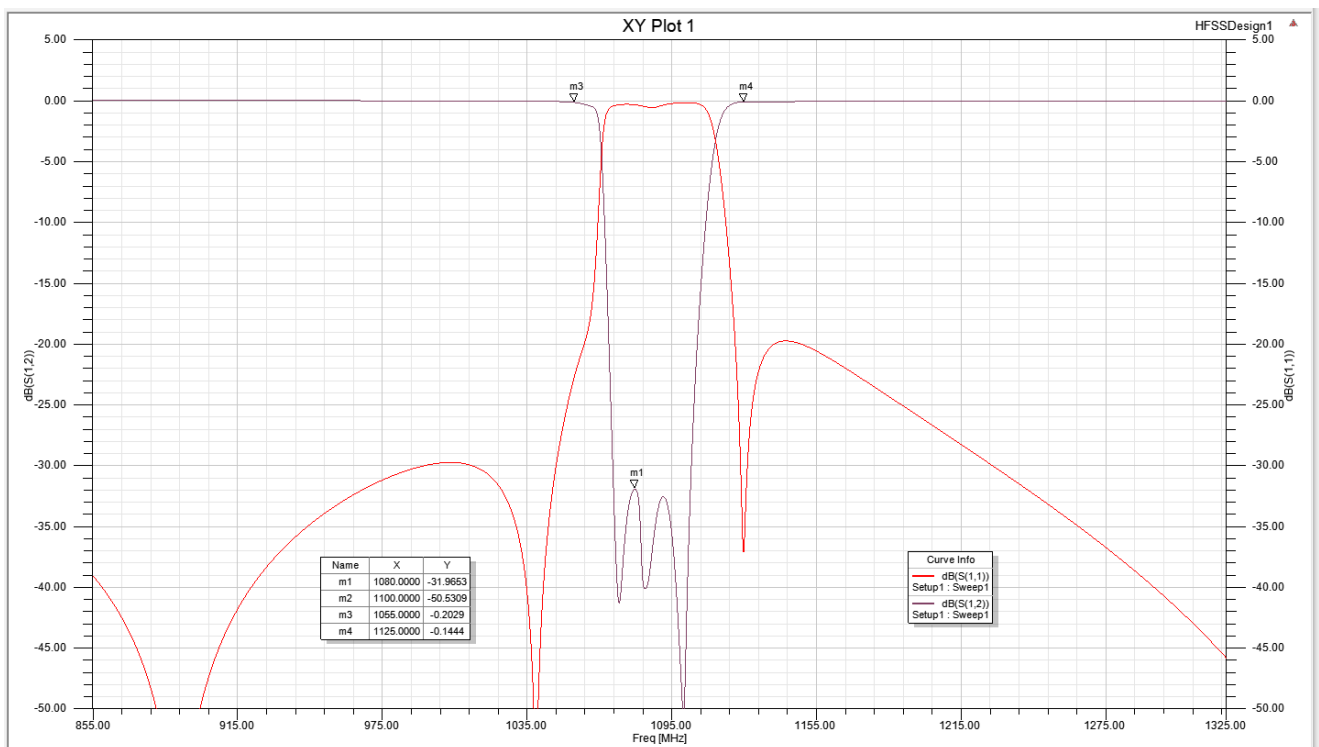
2. Electrical analysis

2.1 Electrical specifications

Table 2 Electrical specifications @ JX-BSF1-1080M1100M-S30

Item	Parameter	Specification
1	Frequency range	DC-1055MHz&1125-3400MHz
2	VSWR	≤1.5
3	Insertion loss	≤1.5dB (at the corner: 2.0dB Max.)
4	Rejection	≥30dB @ 1080-1100MHz
5	Power	10W
6	Impedance	50Ω
7	Temperature range	-20°C to +60°C

2.2 The simulation curve



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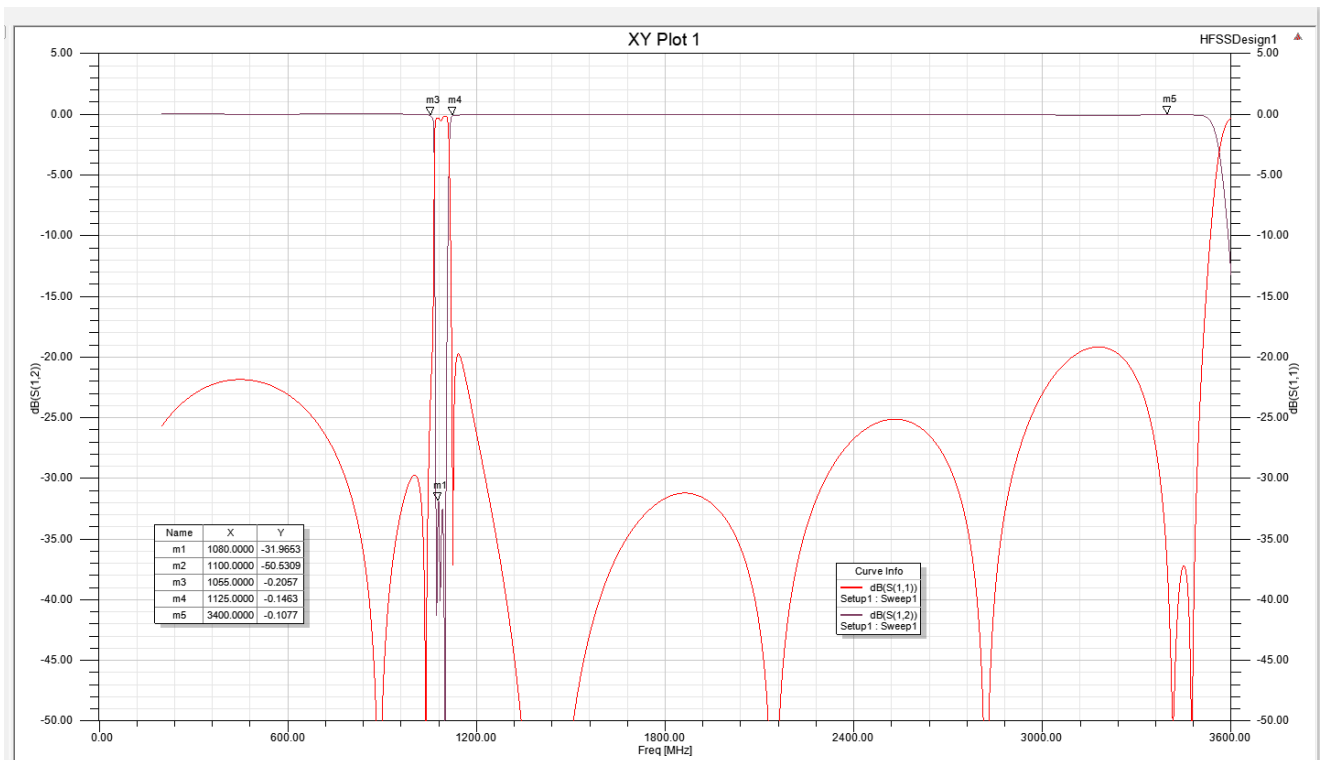


Figure 2 The simulation curve

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