

Technical proposal for JX-D2-700M4200M-50SF Diplexer

◆ 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

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Add: No.65,West 1st Wu Ke Road, Wu Hou District, Cheng Du City, Si Chuan Province, China.

Dimension	L x W x H: 82mm x 52mm x 10mm
Connectors	SMA-Female
Finish	Sandblasting
Notes	Material shall be RoHS 6/6

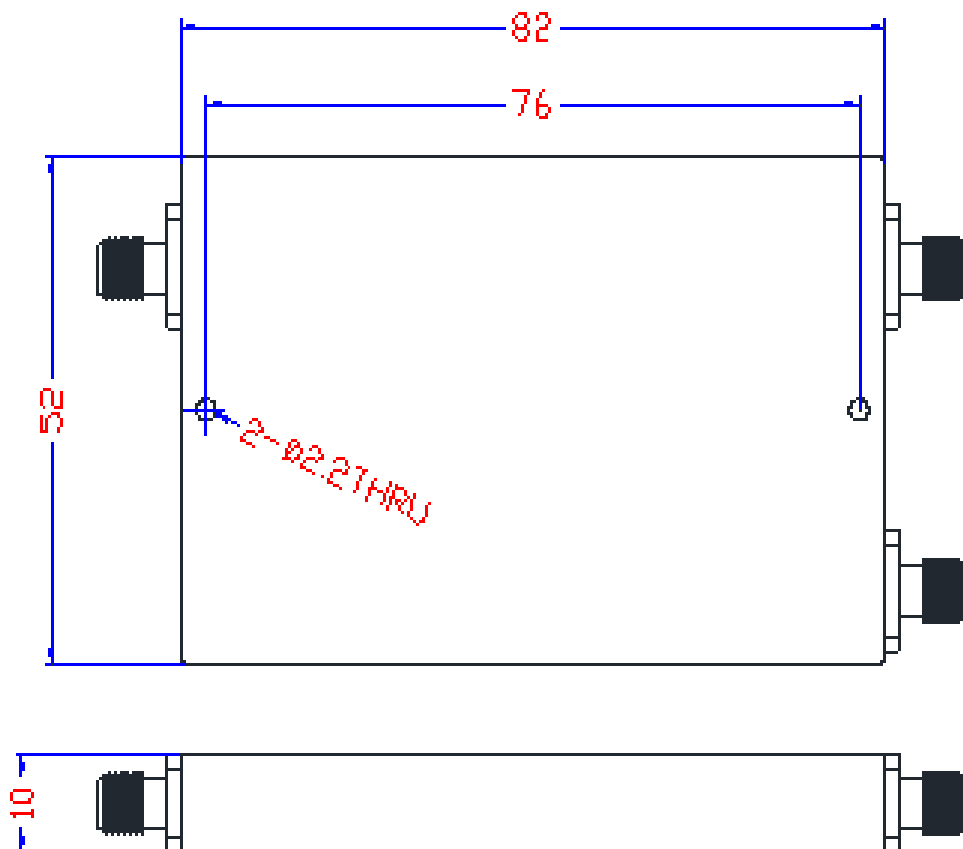


Figure 1 JX-D2-700M4200M-50SF front panel layout

2. Electrical analysis

Table 2 Electrical specifications

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**Professional manufacturer of
passive microwave components**

JX-D2-700M4200M-50SF_2022/02/18_Rev:V1.0



Item	Parameter	Specifications	
		Band1	Band2
1	Passband Frequency	700-2700MHz	3300-4200MHz
		Band1 @3300-4200MHz	Band2 @700-2700MHz
2	Attenuation	50dB	50dB
		$\leq 1.5\text{dB}$	
3	Insertion loss	≤ 1.6	
4	VSWR	50 Ω	
5	Impedance	50W	
6	Input Power	-40°C to +85°C	
7	Operational Temperature	-40°C to +85°C	
8	Storage Temperature		

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