

Technical proposal for JX-CC6-703M2570M-RX70 Cavity Combiner

◆ Small Volume

◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2023/07/05	Sam Chen	Created	/

Table of content

Technical proposal for JX-CC6-703M2570M-RX70 Cavity Combiner	1
1. Mechanical layout.....	2
2. Electrical analysis.....	2
2.1 Electrical specifications	2

Figures

Figure 1 JX-CC6-703M2570M-RX70 front panel layout.....	2
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Tables

Table 1 Mechanical specifications @ JX-CC6-703M2570M-RX70	2
Table 3 Electrical specifications @ JX-CC6-703M2570M-RX70.....	2

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1. Mechanical layout

Table 1 Mechanical specifications @ JX-CC6-703M2570M-RX70

Dimension	L x W x H: 129mm x 116mm x 68mm (74.0mm Max)
Port connectors	SMA-Female
Finish	Sliver
Notes	Material shall be RoHS 6/6

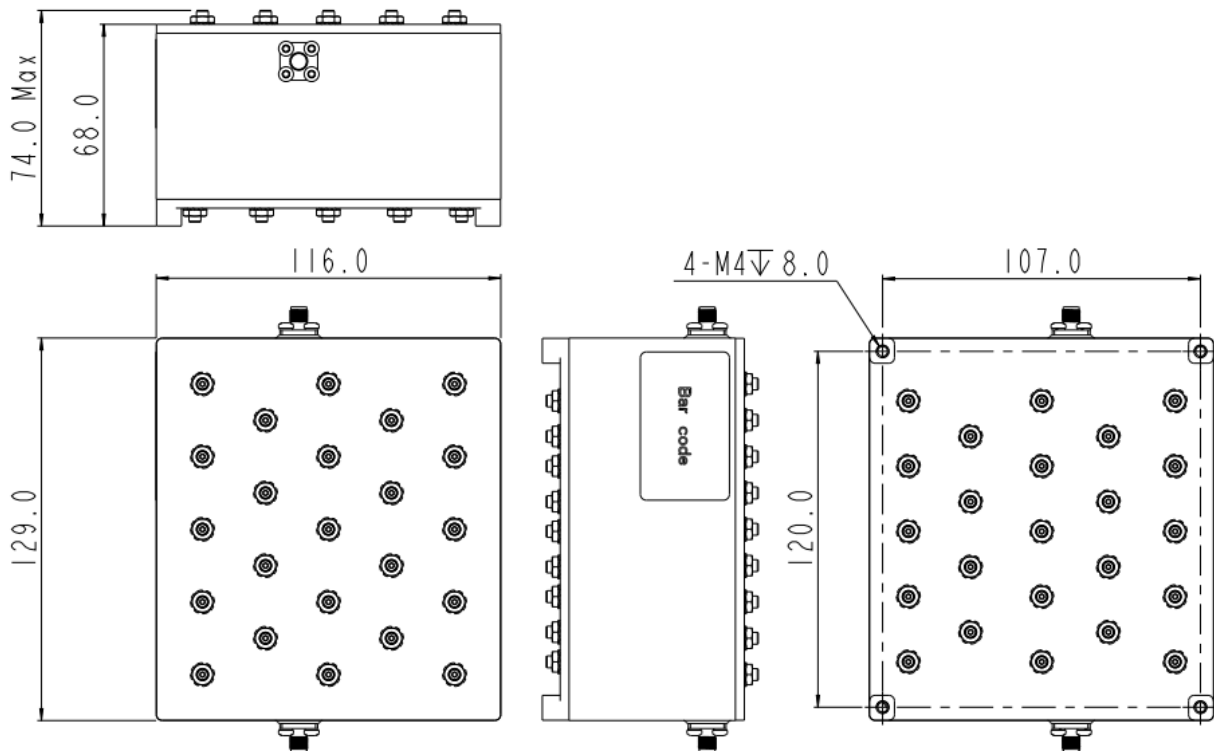


Figure 1 JX-CC6-703M2570M-RX70 front panel layout

2. Electrical analysis

2.1 Electrical specifications

Table 2 Electrical specifications @ JX-CC6-703M2570M-RX70

Item	Parameter	In-Out
1	Frequency range	703-733MHz&832-862MHz&880-915MHz&1710-1785MHz&1920-1980MHz&2500-2570MHz
2	Return loss	≥18 dB
3	Insertion loss	≤2.0 dB

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**Professional manufacturer of
passive microwave components**

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4	Rejection	$\geq 70\text{dB}$ @758-821MHz&925-960MHz&1805-1880MHz&2110-2170MHz&2620-2690MHz
5	Average power	+2dBm CW Max per port
6	Impedance	50 Ω

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