



Apex Microwave Co. LTD

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Add: Yuehu Technology Center, Wuhou District, Chengdu, Sichuan, China

# Cavity Combiner A6CC703M2615M35S1

## Revision record

Date	Version	Author	Revision description	Comment
2024/09/09	V1.2	Lee	Created	/

## Electrical specification

Parameter	Specifications					
	B28	B5	B10	B2	B7	B38
Port sign	B28	B5	B10	B2	B7	B38
Frequency range	703-748MHz	824-849MHz	1710-1780MHz	1850-1910MHz	2500-2565MHz	2575-2615MHz
Return loss	≥15dB	≥15dB	≥15dB	≥15 dB	≥15 dB	≥15 dB
Insertion loss	≤2.0dB	≤2.0dB	≤2.0dB	≤2.0 dB	≤2.0 dB	≤2.0 dB
Rejection	≥15dB@ 758-803MHz ≥35dB@ 824-849MHz ≥35dB@ 1710-1780MHz ≥35dB@ 1850-1910M ≥35dB@ 2500-2565MHz ≥35dB@	≥35dB@ 703-748MHz ≥15dB@ 758-803MHz ≥15dB@ 869-894MHz ≥35dB@ 1710-1780MHz ≥35dB@ 1850-1910M ≥35dB@ 2500-2565MHz	≥35dB@ 703-748MHz ≥35dB@ 824-849MHz ≥35dB@ 1850-1910M ≥35dB@ 2500-2565MHz ≥35dB@ 2575-2615MHz	≥35dB@ 703-748MHz ≥35dB@ 824-849MHz ≥35dB@ 1710-1780MHz ≥15dB@ 1930-1990MHz ≥35dB@ 2500-2565MHz	≥35dB@ 703-748MHz ≥35dB@ 824-849MHz ≥35dB@ 1710-1780MHz ≥35dB@ 1850-1910MHz ≥35dB@ 2575-2615MHz	≥35dB@ 703-748MHz ≥35dB@ 824-849MHz ≥35dB@ 1710-1780MHz ≥35dB@ 1850-1910MHz ≥15dB@ 2500-2565MHz



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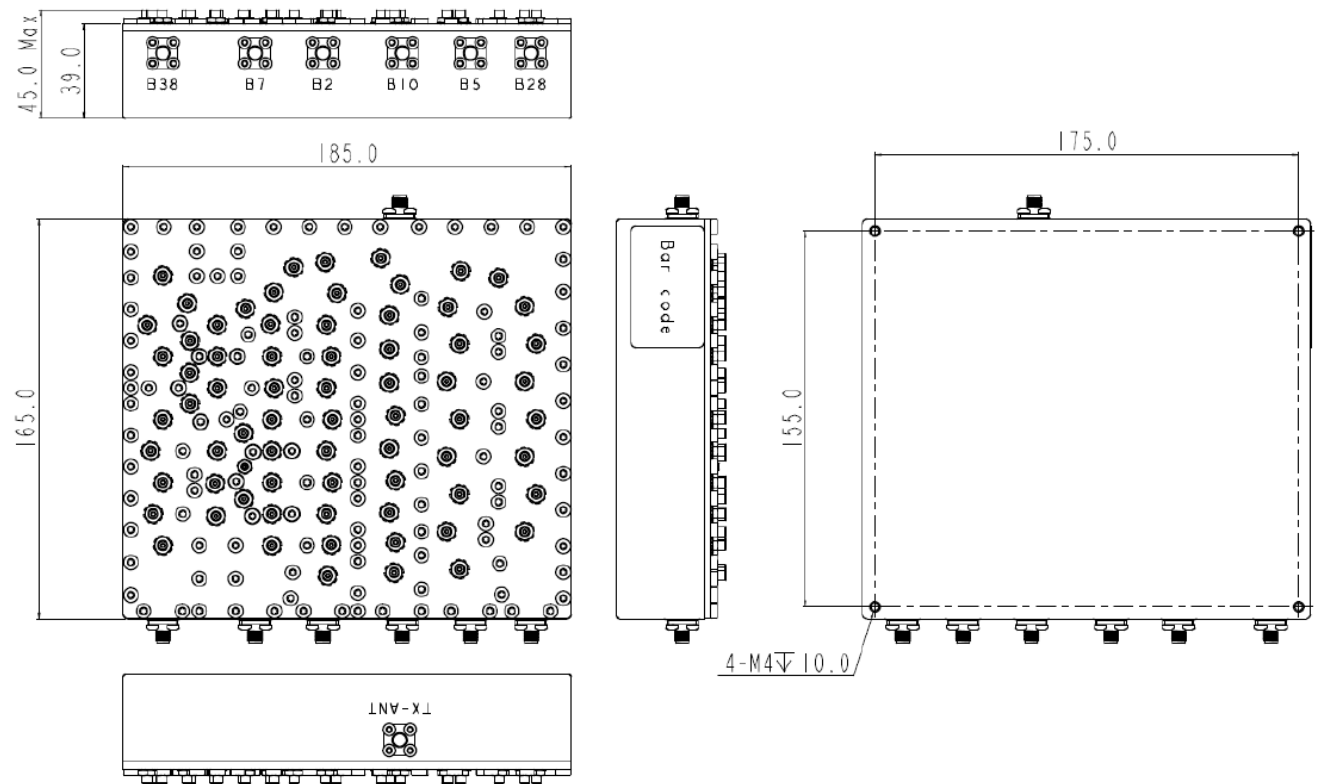
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	2575-2615MHz	≥35dB@ 2575-2615MHz		≥35dB@ 2575-2615MHz		≥20dB@ 2625-2690MHz
Average power	≤2dBm (TX-ANT:≤5dBm)					
Peak power	≤12dBm (TX-ANT:≤15dBm)					
Impedance	50 Ω					

### Mechanical specification

Parameter	Specifications
Dimension	LxWxH:185 mm x165 mm x39 mm (45mm Max)
Connector	SMA-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

### Outline





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### Simulation curve

