



Apex Microwave Co. LTD

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

Cavity Combiner A8CC703M2615M20S2UL

Revision record

Date	Version	Author	Revision description	Comment
2024/09/12	V1.1	Sam	Created	/

Electrical specification

Parameter	Specifications			
	TX_OUT-TX_ANT		H23	H26
Frequency range (MHz)	703-748&814-849&904-915.1&1710-1785&1920-1980&2500-2565		2300-2400	2575-2615
Return loss	≥15dB			
Insertion loss	≤2.0dB	≤4.0dB 2500-2565 MHz	≤2.0dB	≤4.0dB
Rejection (MHz)	≥20dB@758-803 ≥20dB@860-894 ≥20dB@945-960 ≥20dB@1805-1880 ≥20dB@2110-2170		≥20dB @703-980 ≥20dB @2110-2170 ≥20dB@2575-2620	≥20dB @703-980 ≥20dB@ 2620-2690 ≥20dB



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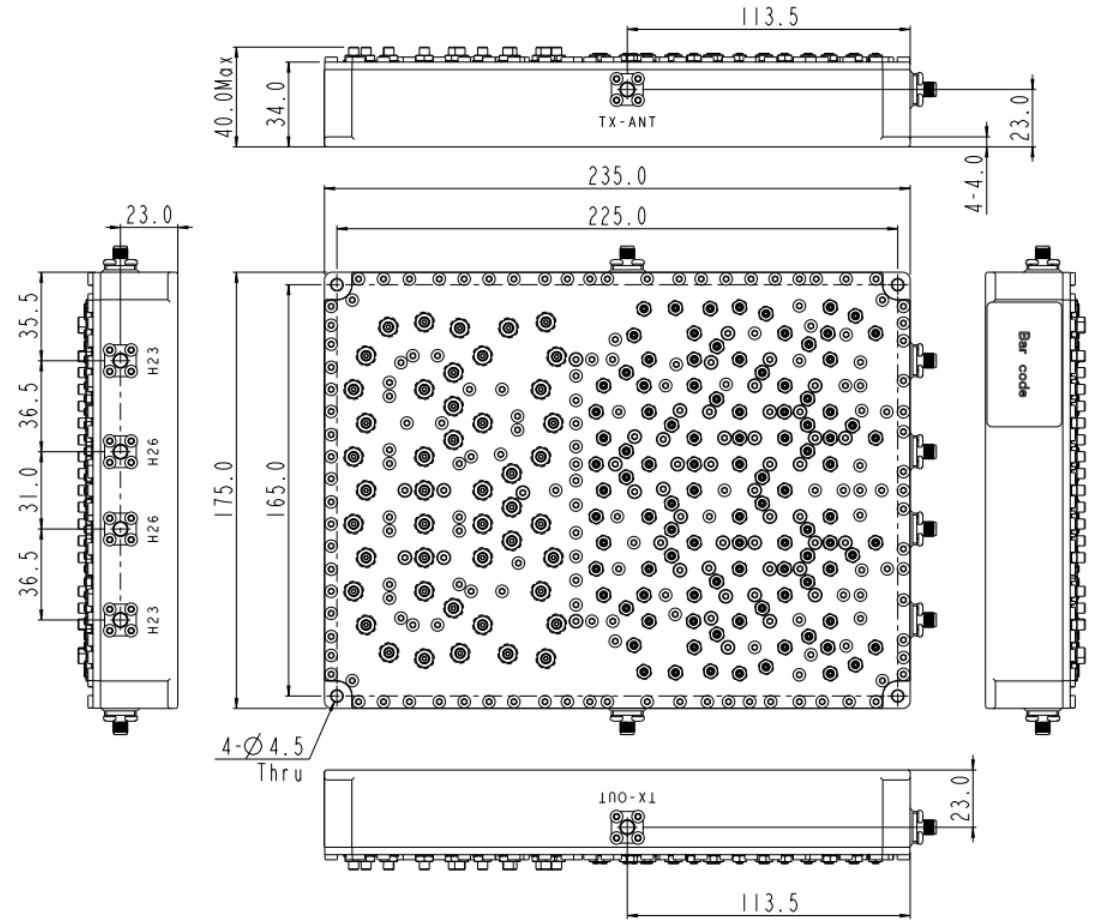
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	$\geq 20\text{dB @ 2300-2400MHz}$ $\geq 20\text{dB @ 2620-2690MHz}$		@2300-2400
Power	5dBm(Average);15dBm(Peak)		
Impedance	50 Ω		

Mechanical specification

Outline

Dimension	L x W x H: 235mm x 175mm x 34mm (40.0mm Max)
Connectors	SMA-Female
Finish	Silver
Notes	Material shall be RoHS 6/6





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Simulation curve

