

Cavity Duplexer

A2CD4900M5850M80S

Revision record

Date	Version	Author	Revision description	Comment
2024/09/09	V1.1	Sam	Created	/
2024/10/14	V1.2	Sam	Update screw height	Apex

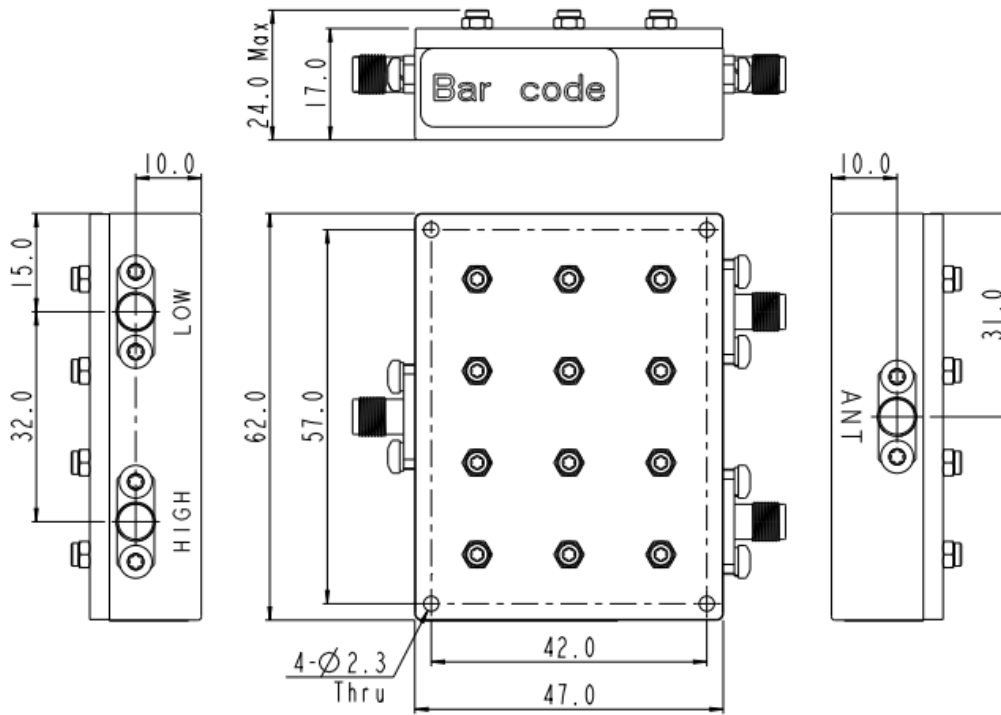
Electrical specification

Parameter	Specification	
	Low	High
Frequency range	4900-5350MHz	5650-5850MHz
Insertion loss	≤2.2dB	≤2.2dB
Return loss	≥18dB	≥18dB
Ripple	≤0.8dB	≤0.8dB
Rejection	≥80dB@5650-5850MHz	≥80dB@4900-5350MHz
Input power	20 CW Max	
Impedance	50Ω	

Mechanical specification

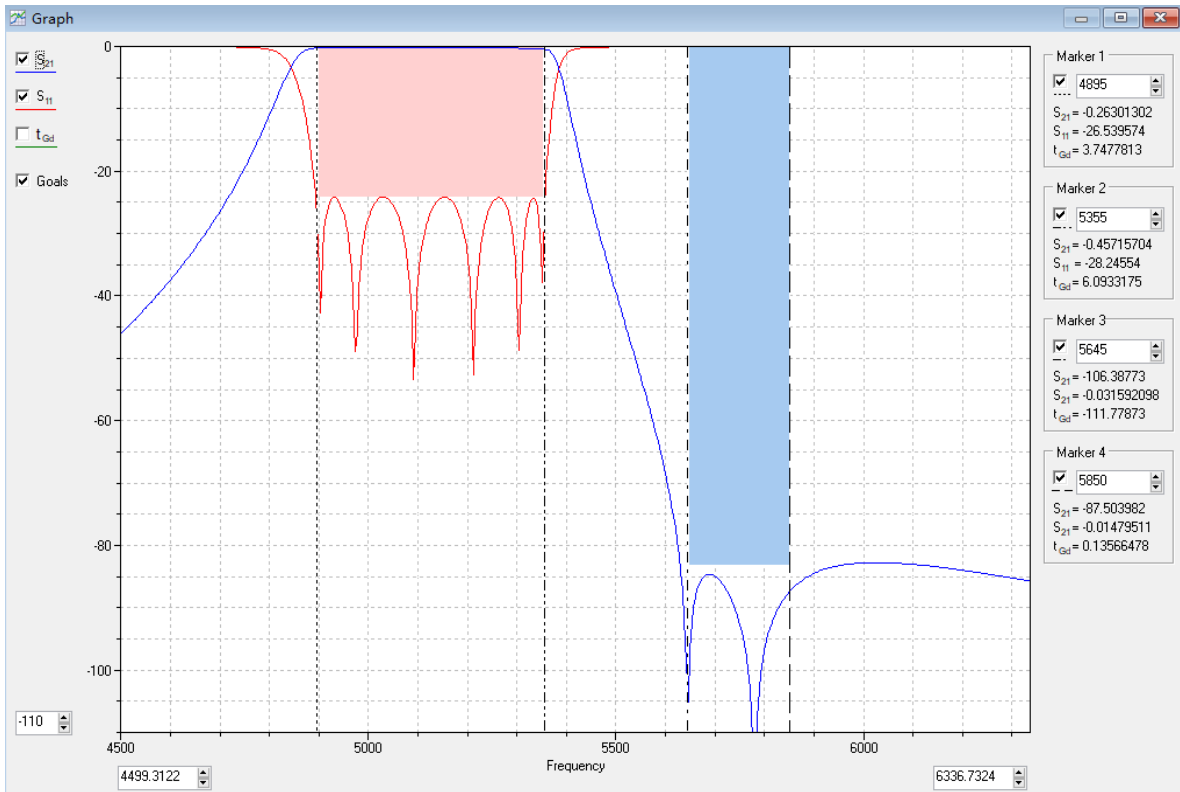
Parameter	Specification
Dimension	L x W x H: 62mm x 47mm x 17mm (24.0mm Max)
Connectors	SMA-Female
Finish	Silver plating
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

RX:



TX:

