

Cavity Duplexer

A2CD14.4G15.35G80S

Revision record

Date	Version	Author	Revision description	Comment
2024/10/25	V1.0	Lee	Created	/
2024/12/20	V1.1	Lee	Updated the mounting threaded hole: M2.3→M2.5	Customer request

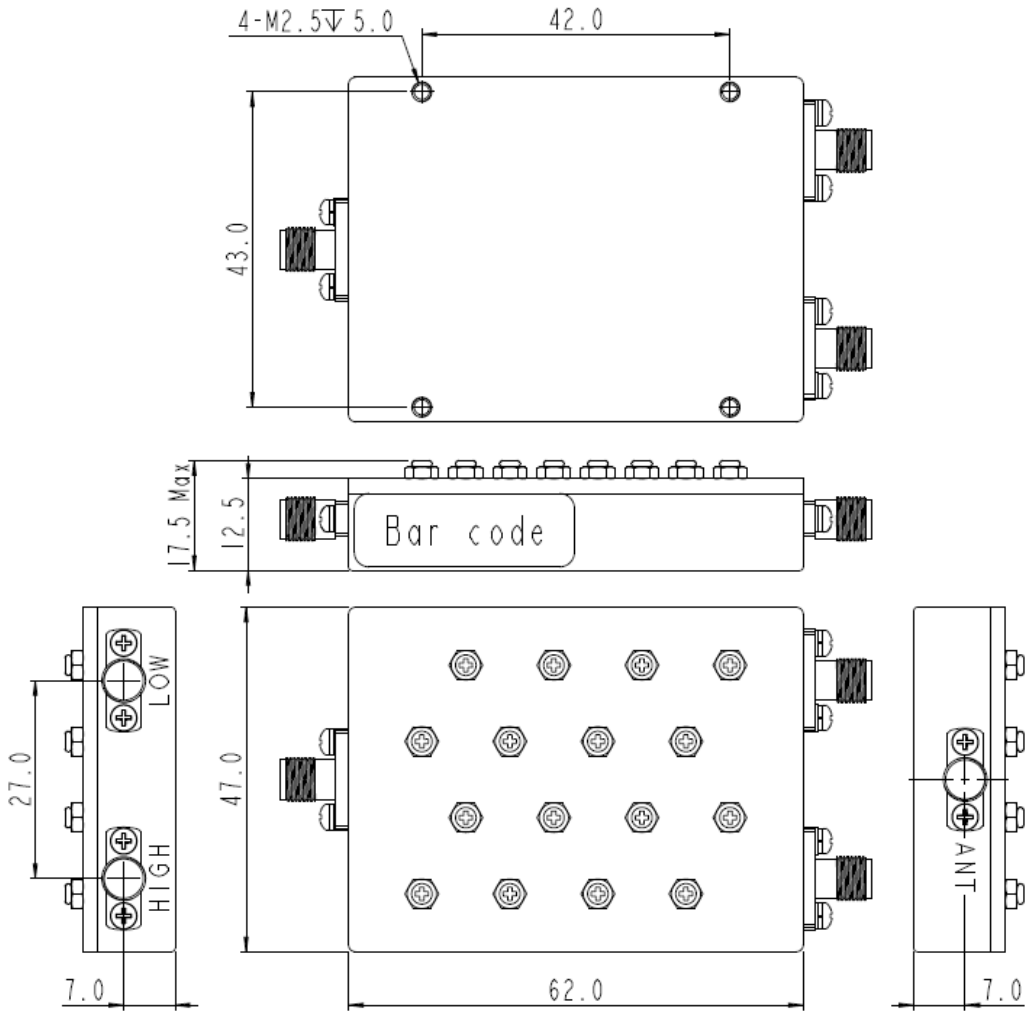
Electrical specification

Parameter	Specification	
Frequency range	14.4-14.83GHz	15.15-15.35GHz
Insertion loss	≤2.2dB	≤2.2dB
Ripple in band	≤0.8dB	≤0.8dB
Return loss	≥18dB	≥18dB
Rejection	≥80dB@15.15-15.35GHz	≥80dB@14.4-14.83GHz
Power	20W CW max	
Operating temperature range	-40 °C to +70 °C	

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 62mm x 47mm x 12.5mm(17.5mm Max)
Port connectors	SMA-Female
Finish	Silver
Mounting threaded hole	4-M2.5 deep 5.0mm
IP protection	In door
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

