

Cavity Duplexer

A2CD1710M1880M4310WP

Revision record

Date	Version	Author	Revision description	Comment
2024/09/12	V1.0	Lee	Created	/

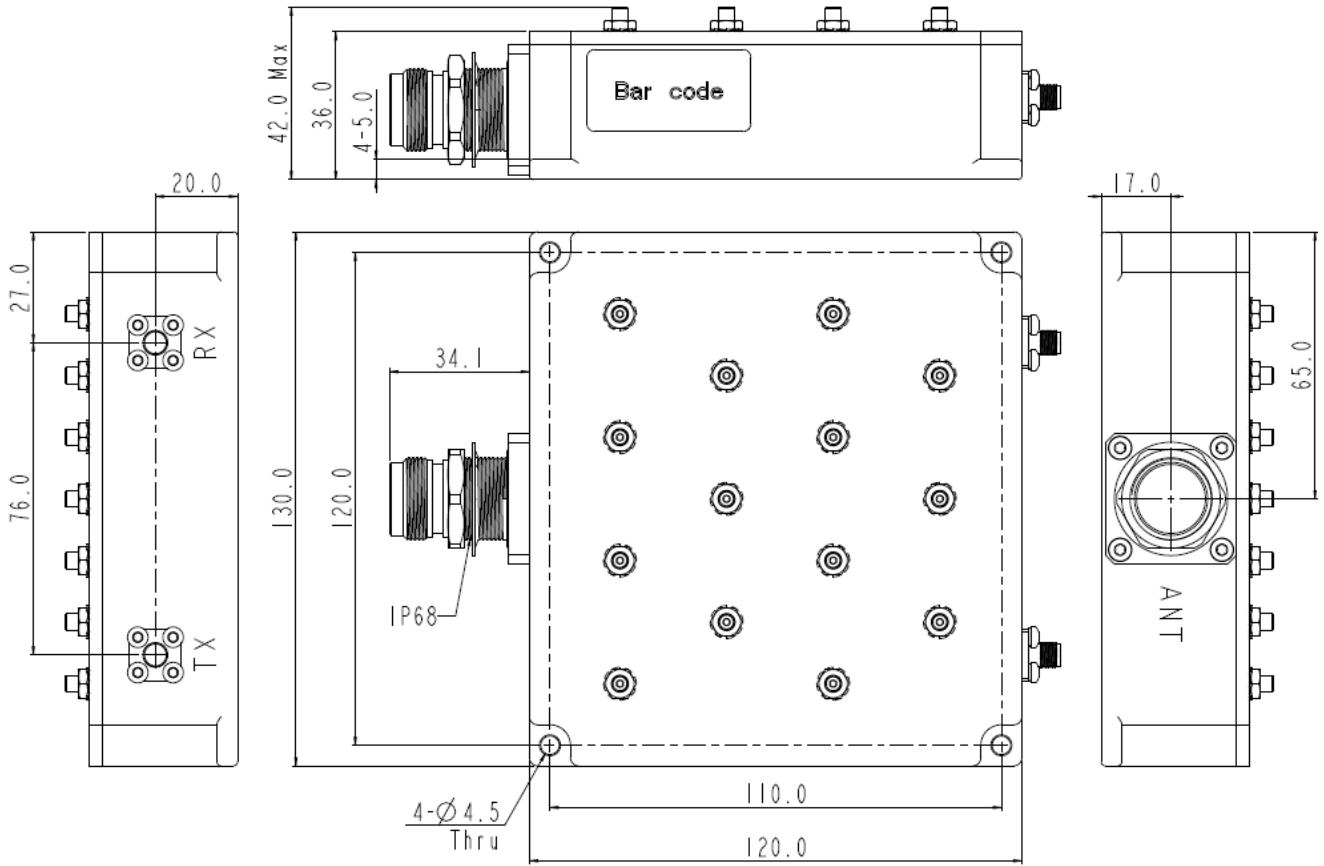
Electrical specification

Parameter	LOW (RX)	HIGH (TX)
Frequency range	1710-1785 MHz	1805-1880 MHz
Return loss	≥18 dB	≥18 dB
Insertion loss	≤0.9 dB	≤0.9 dB
Ripple	≤1.2 dB	≤1.2 dB
Rejection	≥70 dB @ TX	≥70 dB @ RX
Power	200W CW @ ANT port	
Temperature range	-30°C to +70°C	
Impedance	50 Ω	

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 120mm x 130mm x 36mm (42mm Max)
Port connectors	ANT: 4.3-10 / Female (IP68)
	TX/RX: SMA / Female
Finish	Sliver
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

