

Cavity Duplexer

A2CC2496M4200M60S6

Revision record

Date	Version	Author	Revision description	Comment
2024/09/20	V1.0	Sam	Created	/

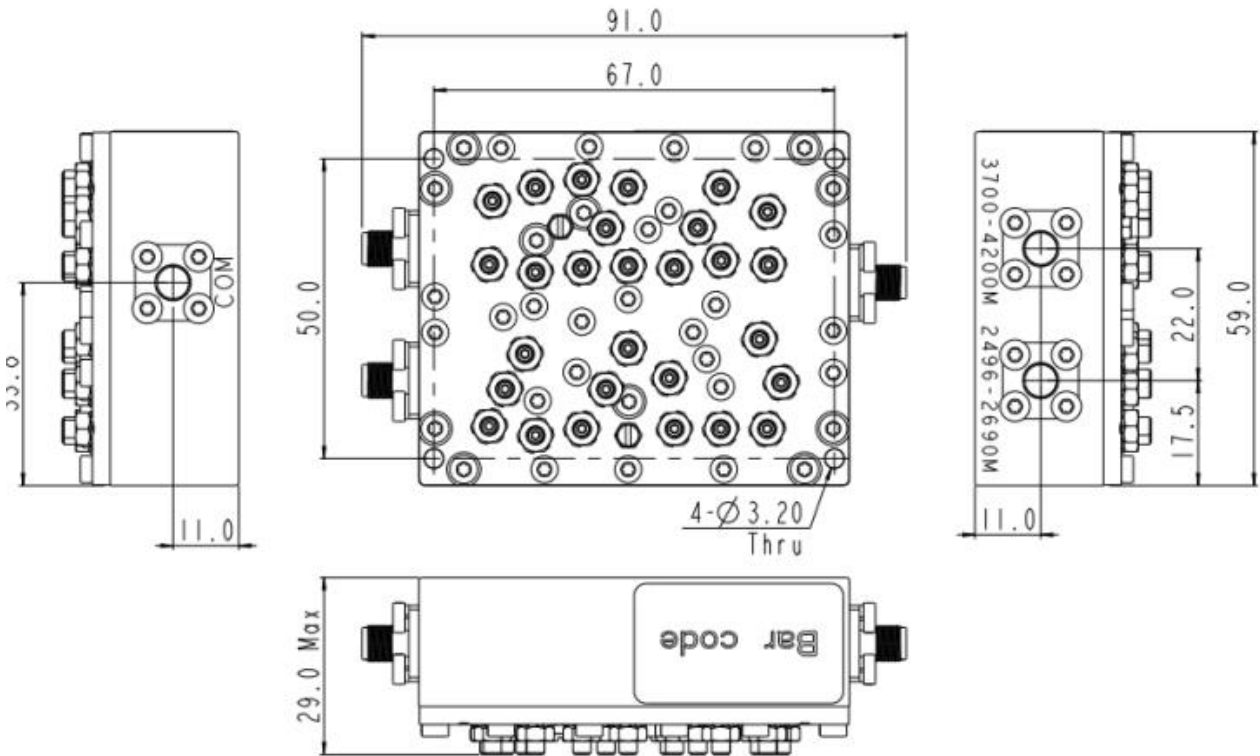
Electrical specification

Parameter	Specification	
Frequency range	2496-2690MHz	3700-4200MHz
Return loss	(Normal temp)	≥18dB
	(Full temp)	≥16dB
Insertion loss	≤0.9dB	≤0.9dB
Ripple	≤0.8dB	≤0.8dB
Rejection	≥70dB@2360MHz	≥60dB@3000MHz
	≥70dB@3300MHz	≥50dB@4300MHz
Input port power	20W Average	
Common port power	50W Average	
Temperature range	40°C to +85°C	
Impedance	50Ω	

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 91mm x 59mm x 24.5mm (29.0mm Max)
Connectors	SMA-Female
Mounting	4-φ3.2 through
Finish	Black (Paint spraying)
Application	Indoor
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

