

Cavity Filter

ACF832M862M50S

Revision record

Date	Version	Author	Revision description	Comment
V1.0	2025/04/15	Lee	Created	/

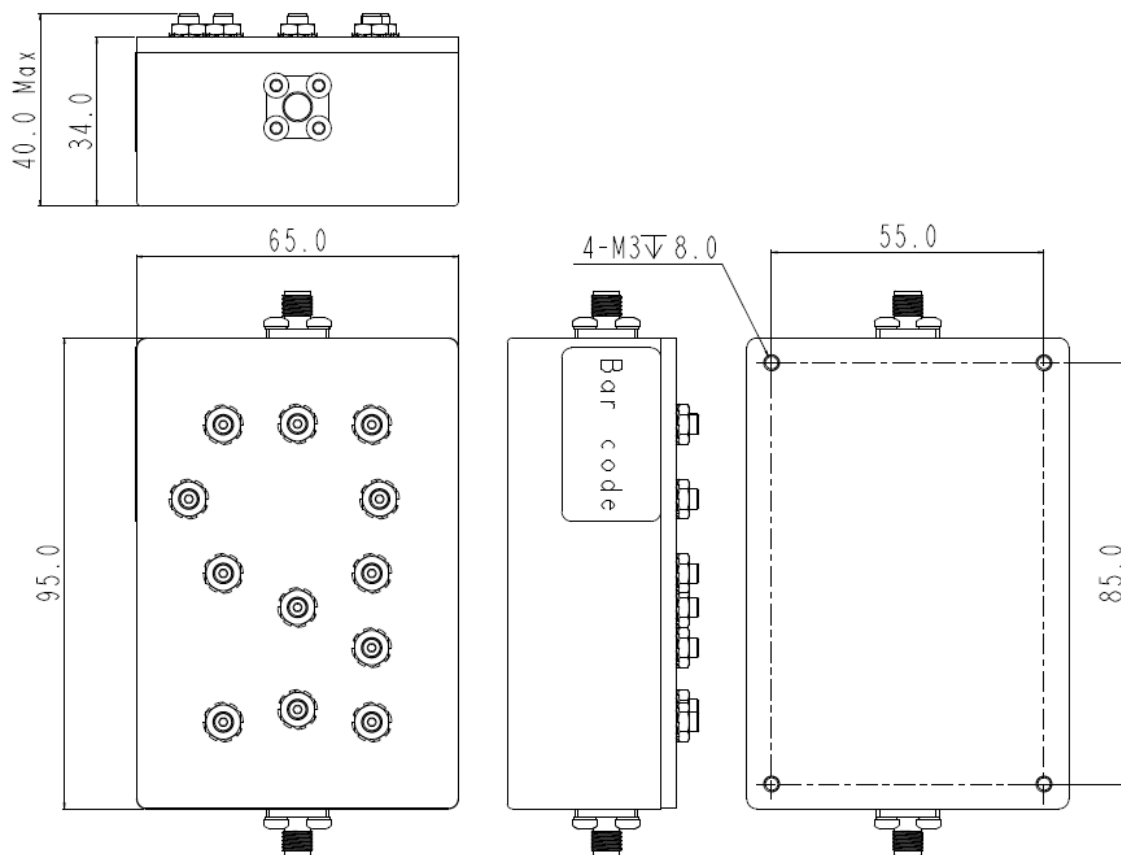
Electrical specification

Parameter	Specification
Frequency range	832-862MHz
Return loss	≥18dB
Center frequency insertion loss(Normal temp)	≤0.6dB
Center frequency insertion loss(Full temp)	≤0.65dB
Insertion loss in band	≤1.5dB
Ripple in bands	≤1.0dB
Rejection	≥50dB@758-821MHz ≥50dB@925-3800MHz
Power handling	≤10 W average power at every input port
Operating temperature range	-40°C to +85°C
Impedance	50 Ω

Mechanical specification

Parameter	Specification
Dimension	LxWxH: 95mm x 65mm x 34mm (40mm Max)
Port connectors	SMA-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

