

Cavity Filter

ACF5735M5815M40S

Revision record

Date	Version	Author	Revision description	Comment
2024/09/05	V1.2	Sam	Created	/

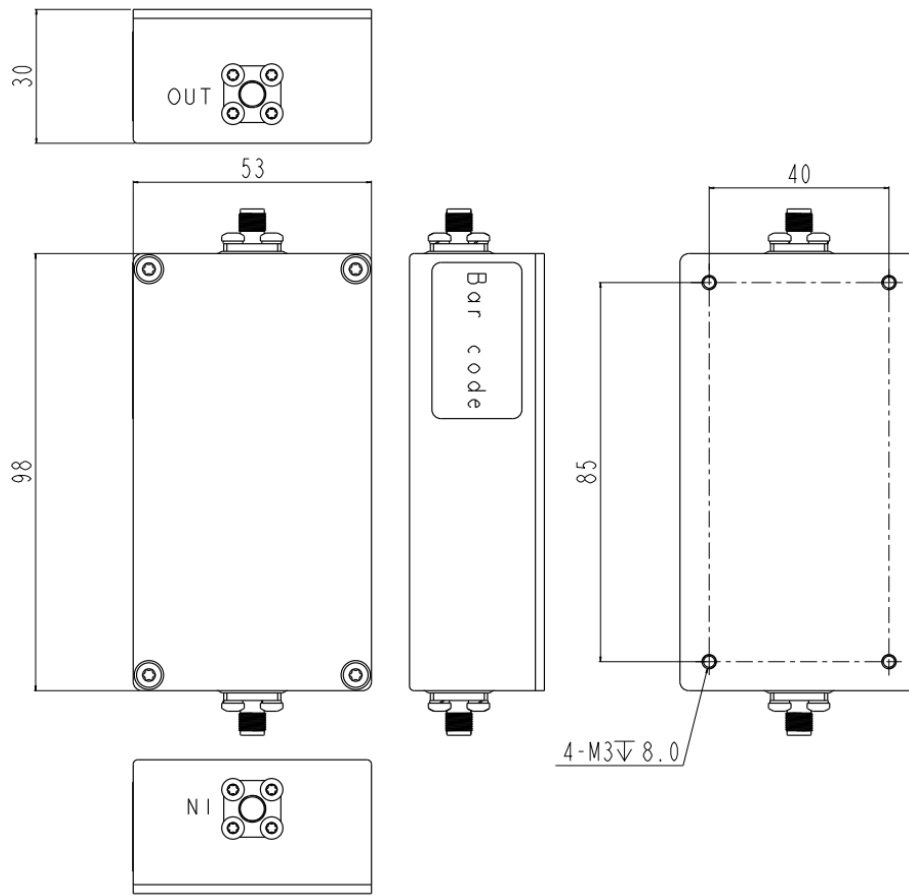
Electrical specification

Parameter	Specification	
Frequency range	5735-5875MHz	
Insertion loss	(Normal Temp)	≤1.5dB
	(Full Temp)	≤1.7dB
Return loss	≥16dB	
Ripple	≤1.0dB	
Rejection	≥40dB @ 5690MHz	≥40dB @ 5835MHz
Group delay Variation	100ns	
Power	4W CW	
Temperature range	-40°C to +80°C	
Impedance	50Ω	

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 98mm x 53mm x 30mm
Connectors	SMA-Female
Finish	Silver
MTBF	1 million hours
Materials	Aluminium material, PTFE Material: UL94
Notes	Material shall be RoHS 6/6

Outline



The simulation curve

