

Cavity Filter

ACF5650M5850M80S

Revision record

Date	Version	Author	Revision description	Comment
2024/12/13	V1.0	Sam	Created	/
2025/06/05	V1.1	Sam	Update Insertion loss	Customer requirement

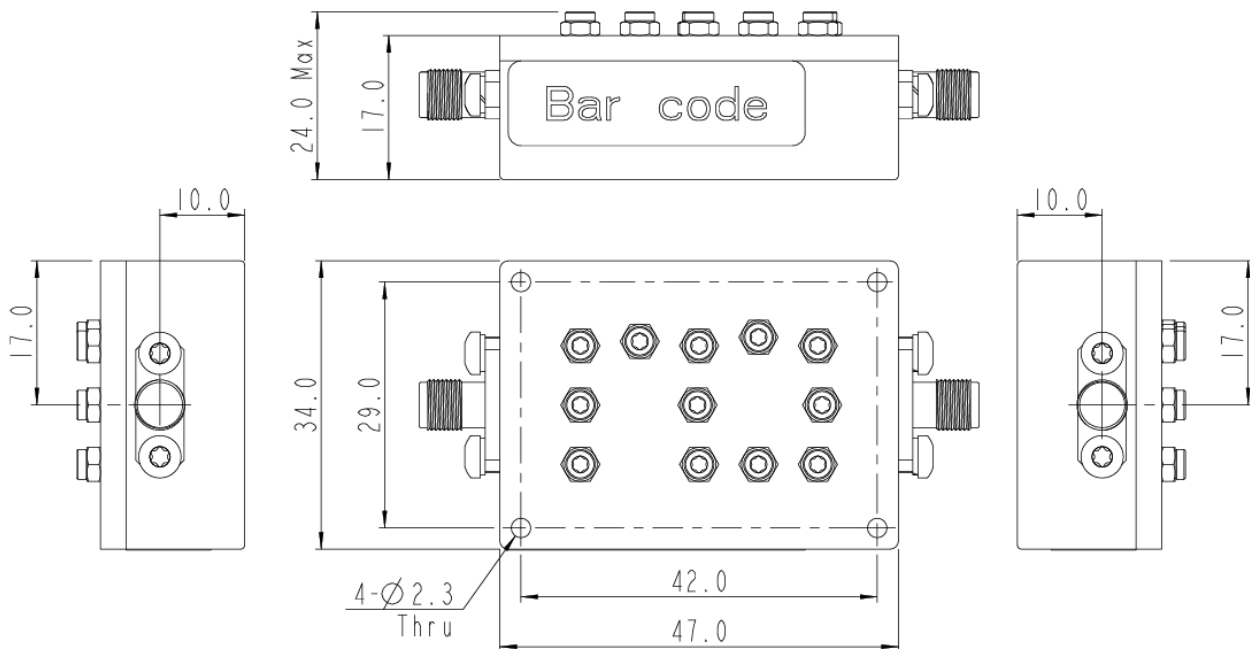
Electrical specification

Parameter	Specification
Frequency range	5650-5850MHz
Insertion loss	$\leq 1.0\text{dB}$
Ripple	$\leq 0.8\text{dB}$
Return loss	$\geq 18\text{dB}$
Rejection	$\geq 80\text{dB}@4900-5350\text{MHz}$
Power	20W CW Max
Impedance	50Ω

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 47mm x 34mm x 17mm(24mm Max)
Connectors	SMA-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline



Test curve

