

Cavity Filter

A2CF5150M5875M50N

Revision record

Date	Version	Author	Revision description	Comment
2025/04/22	V1.0	David.Pu	Created	/

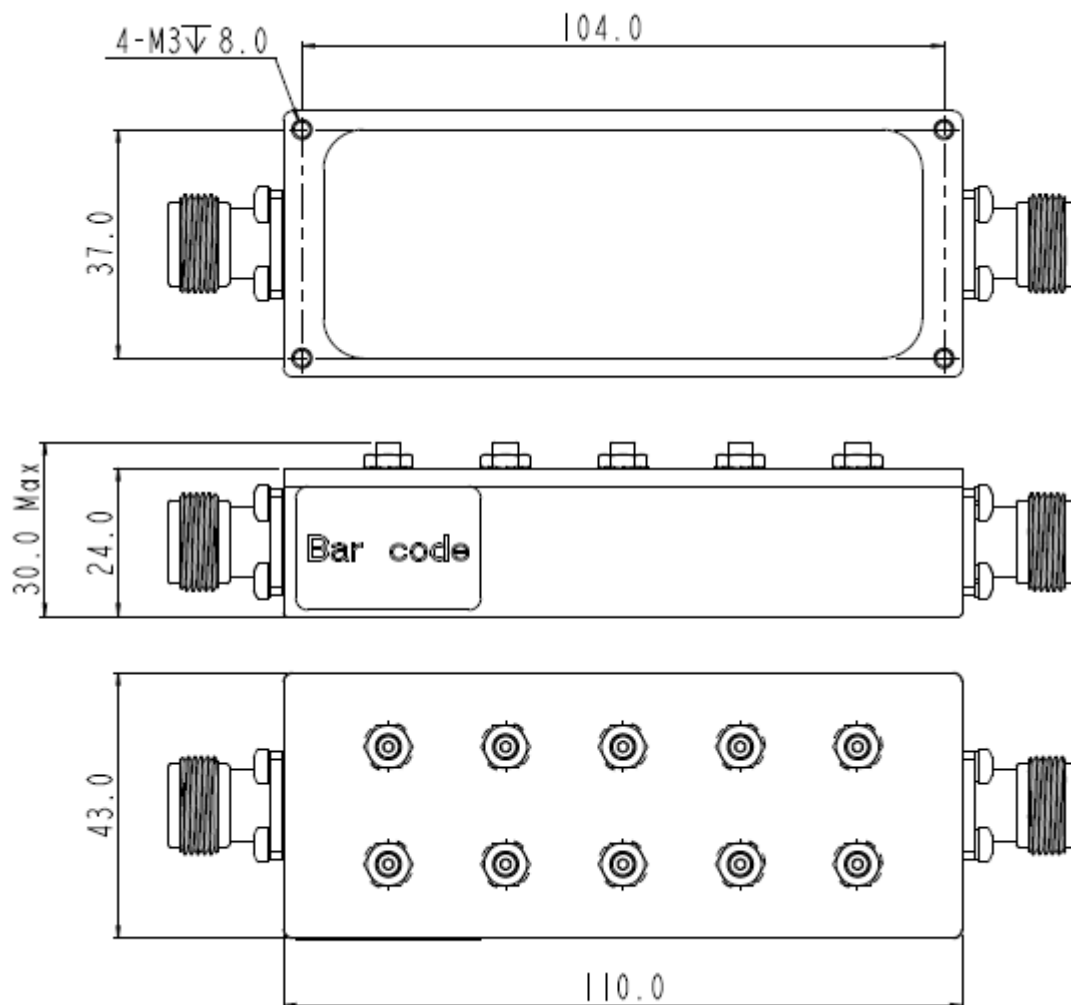
Electrical specification

Parameter	Specification
Frequency range	5150-5250MHz & 5725-5875MHz
Insertion loss	≤1.0 dB
Ripple	≤1.0 dB
Return loss	≥ 18 dB
Rejection	50dB @ DC-4890MHz 50dB @ 5512MHz 50dB @ 5438MHz 50dB @ 6168.8-7000MHz
Maximum Operating Power	100W RMS
Operating Temperature	-20°C~+85°C
In/Out Impedance	50Ω

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 110mm x 43mm x 24mm(30mm Max)
Connectors	N-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

