

Cavity Filter

ACF429M448M50N

Revision record

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

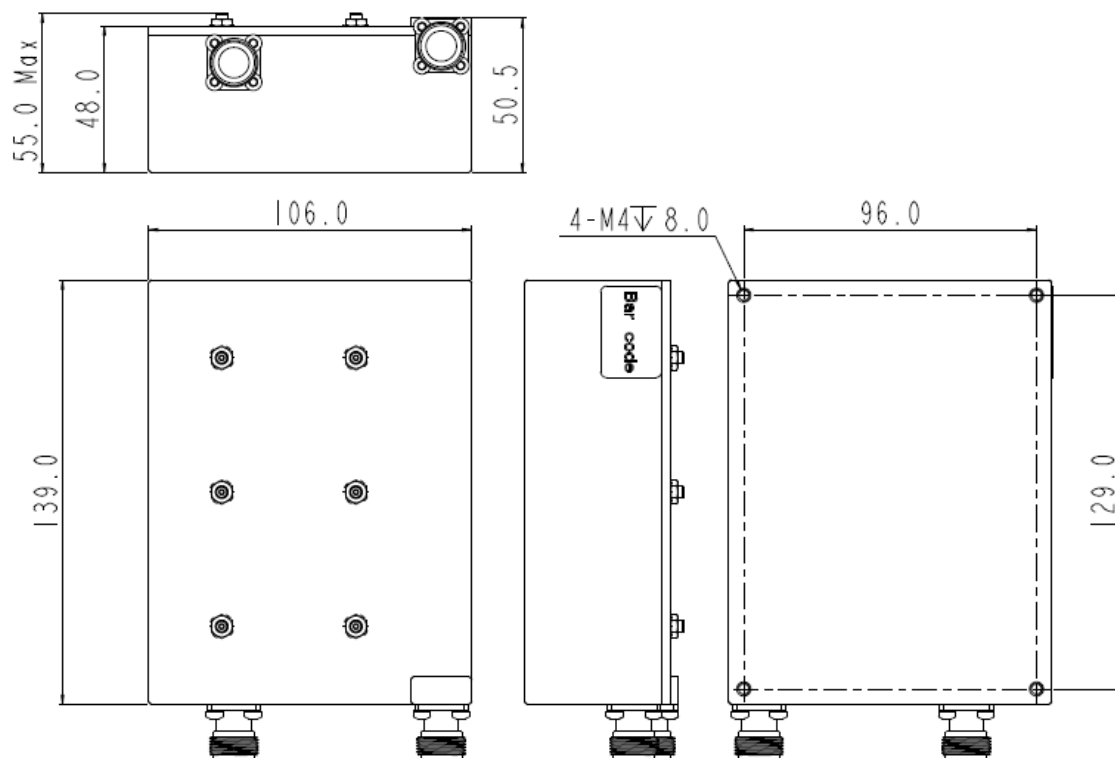
Electrical specification

Parameter	Specification
Frequency range	429-448MHz
Insertion loss	≤1.0 dB
Ripple	≤1.0 dB
Return loss	≥ 18 dB
Rejection	50dB @ DC-407MHz 50dB @ 470-6000MHz
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: 139mm x 106mm x 48mm(55mm Max)
Connectors	N-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

