

Cavity Filter

ACF1920M1980M60S

Revision record

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

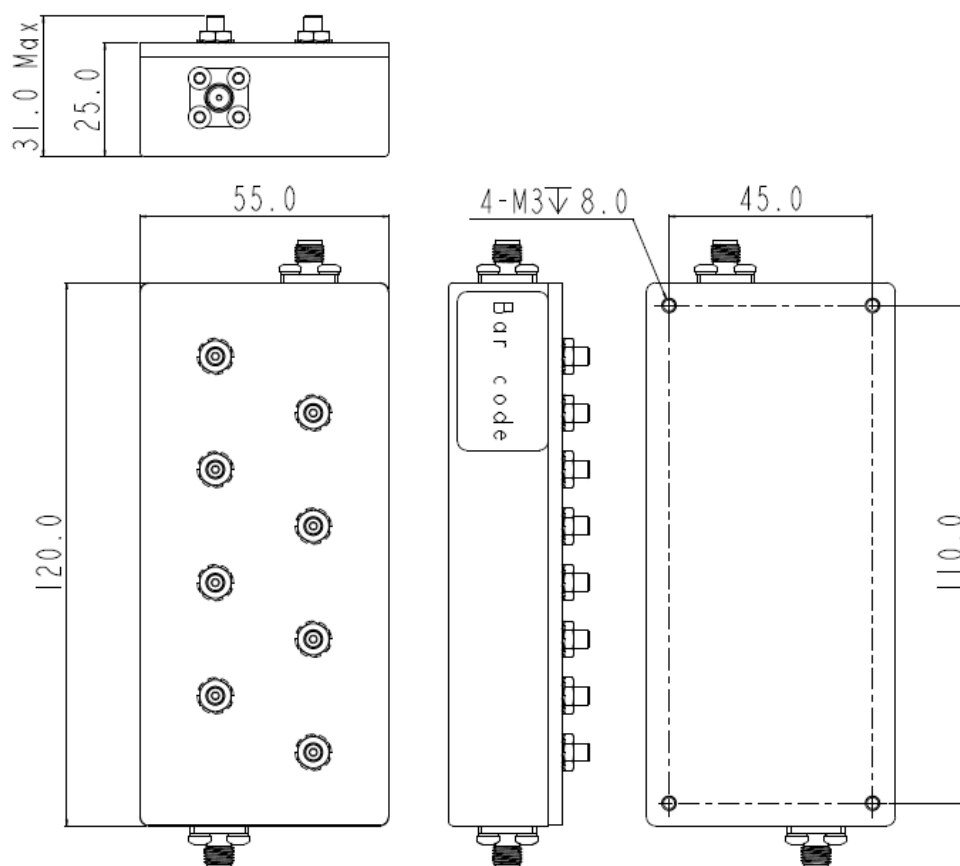
Electrical specification

Parameter	Specification
Frequency range	1920-1980MHz
Return loss	≥18dB
Insertion loss	≤1.2dB
Ripple	≤1.0dB
Rejection	≥60dB@DC-1900MHz ≥60dB@2000-3000MHz ≥50dB@3000-6000MHz
PIM3	≤-150dBc@2*43dBm
Input average power	≤150W
Operating temperature range	-10°C to +55°C
Operating humidity	0 to 80%
Impedance	50 Ω

Mechanical specification

Parameter	Specification
Dimension	L x W x H:120 mm x 55mm x 25mm (31mm Max)
Port connectors	SMA-Female
Finish	Silver
Weight	≤0.5kg
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

