

Cavity Filter

ACF8430M8650M70SF1

Revision record

Date	Version	Author	Revision description	Comment
2024/09/04	V1.0	Lee	Created	/

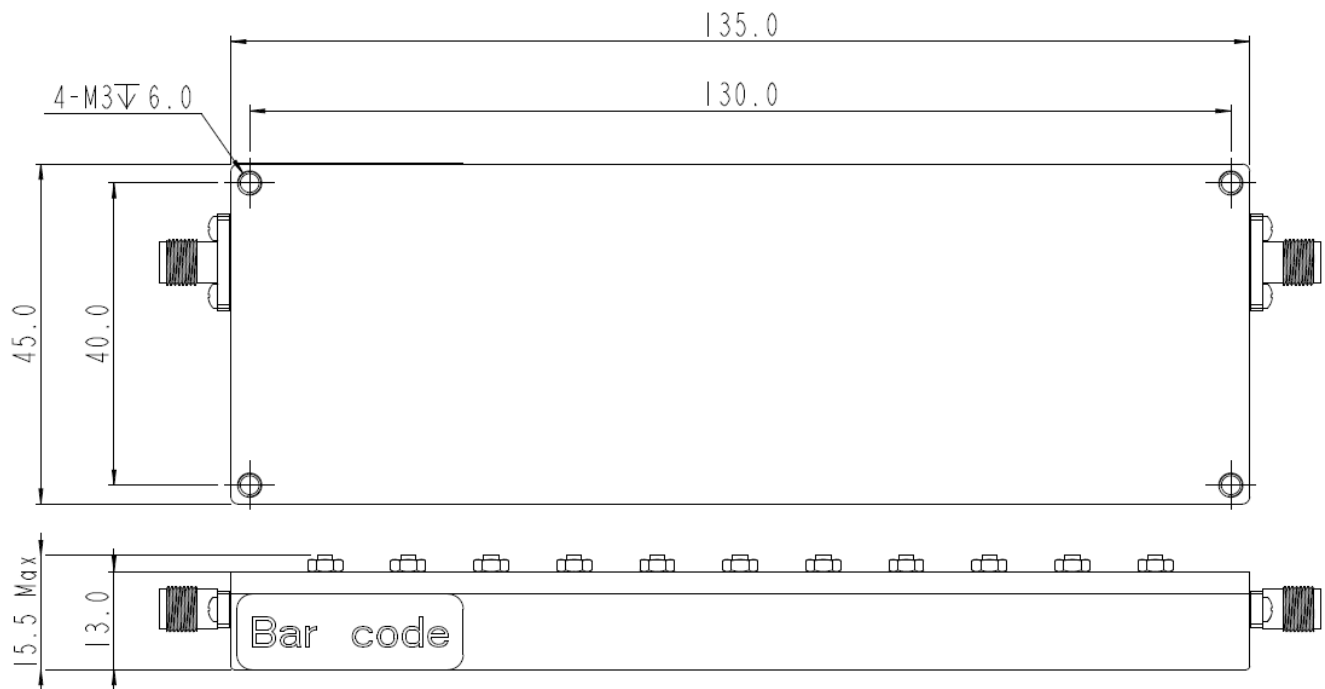
Electrical specification

Parameters	Specifications
Frequency range	8430-8650MHz
Insertion loss	$\leq 1.3\text{dB}$
Ripple	$\leq \pm 0.4\text{dB}$
Return loss	$\geq 15\text{dB}$
Rejection	$\geq 70\text{dB}@7700\text{MHz}$ $\geq 70\text{dB}@8300\text{MHz}$ $\geq 70\text{dB}@8800\text{MHz}$ $\geq 70\text{dB}@9100\text{MHz}$
Power Handling	10Watt
Temperature range	-20°C to +70°C
Impedance	50Ω

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 135mm x 45mm x 13mm (Max:15.5mm)
Connectors	SMA-Female
Finish	Silver (裸银)
Mounting	4-M3 deep 6.0
Application	Indoor
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

