

Cavity Filter

ACF700M740M80GD

Revision record

Date	Version	Author	Revision description	Comment
2024/09/06	V1.3	Lee	Created	/

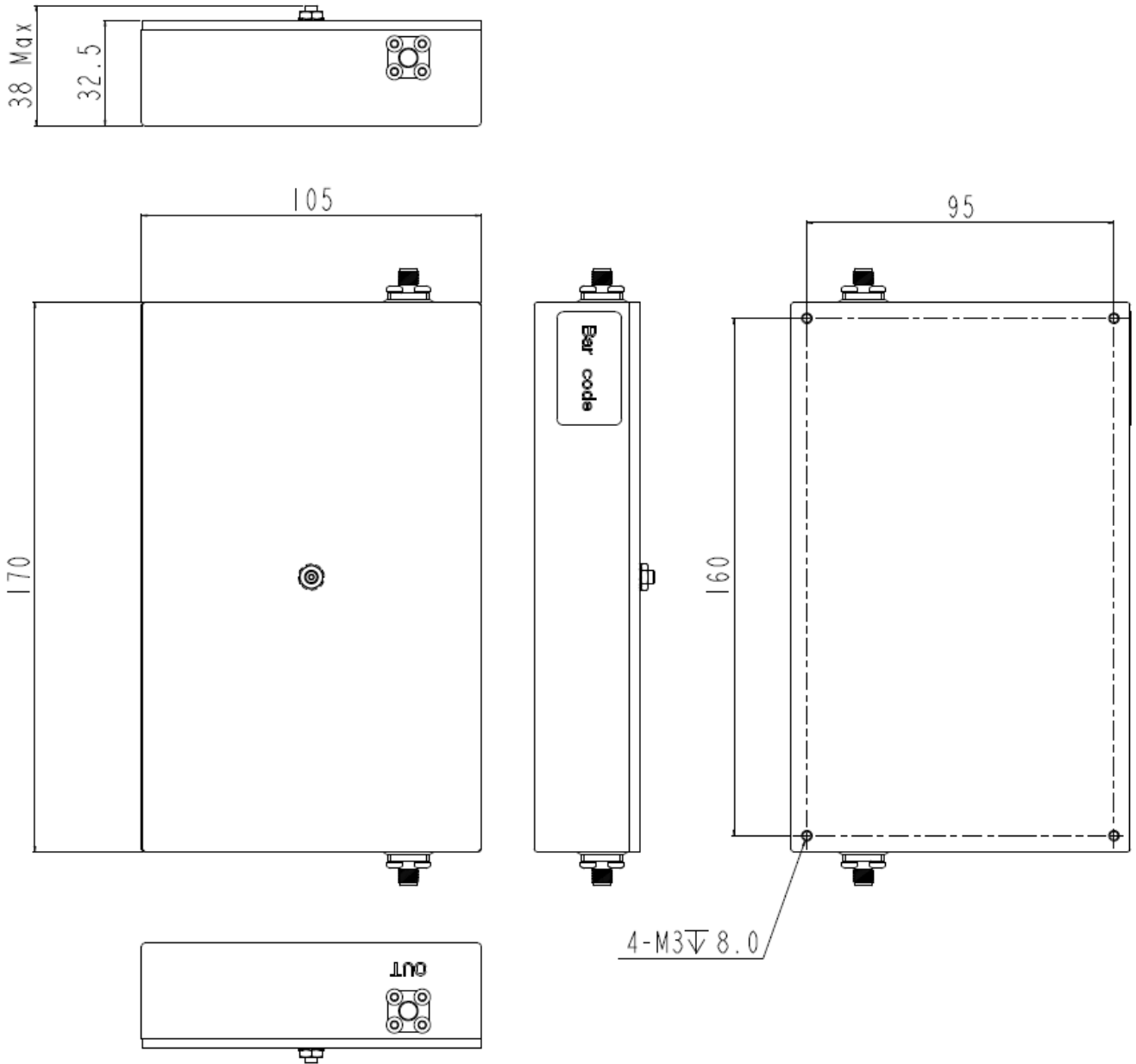
Electrical specification

Parameter	Specification
Frequency range	700-740MHz
Return loss	≥18dB
Insertion loss	≤1.0dB
Passband insertion loss variation	≤0.25dB peak-peak in the range of 700-740MHz
Rejection	≥80dB@DC-650MHz ≥80dB@790-1440MHz
Group delay variation	Linear: 0.5ns/MHz Ripple: ≤5.0ns peak-peak
Temperature range	-30°C to +70°C
Impedance	50Ω

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 170mm x 105mm x 32.5mm (38mm Max)
Port connectors	SMA-Female
Finish	Conductive oxidation of aluminum alloy
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

