

Cavity Filter

ACF20G24.5G40M2

Revision record

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

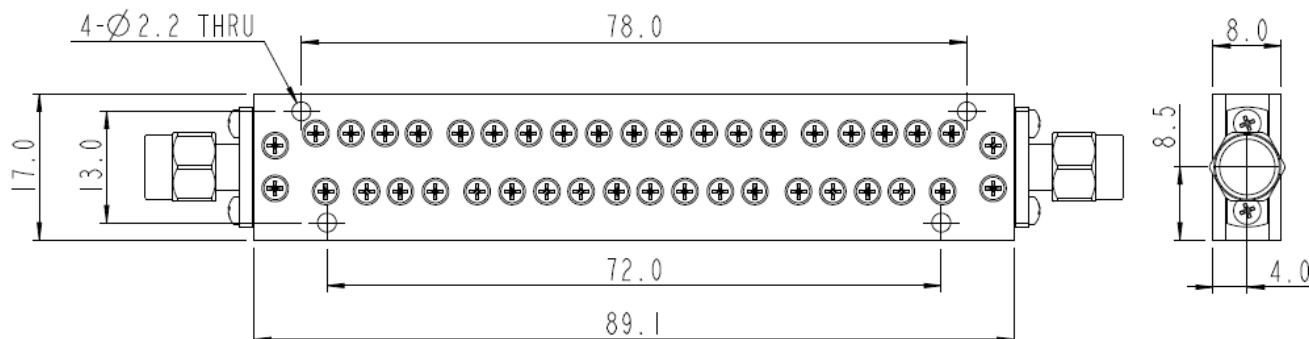
Electrical specification

Parameters	Specifications
Frequency range	20.5-24.5GHz
Return loss	$\geq 10\text{dB}$
Insertion loss	$\leq 3.0\text{dB}$
Ripple	$\leq \pm 1.0\text{dB}$
Rejection	$\geq 40\text{dB@DC-19GHz \& 24.75-30GHz}$
Power	1 Watts (CW)
Temperature range	-40°C to +85°C
Impedance	50 Ω

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 89.1mm x 17mm x 8.0mm
Connectors	SMA-Male
Mounting	4- $\phi 2.2$ THRU
Finish	Black spray paint
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

