

LC Filter

ALCF9820

Revision record

Date	Version	Author	Revision description	Comment
2024/10/08	V1.1	Lee	Created	/

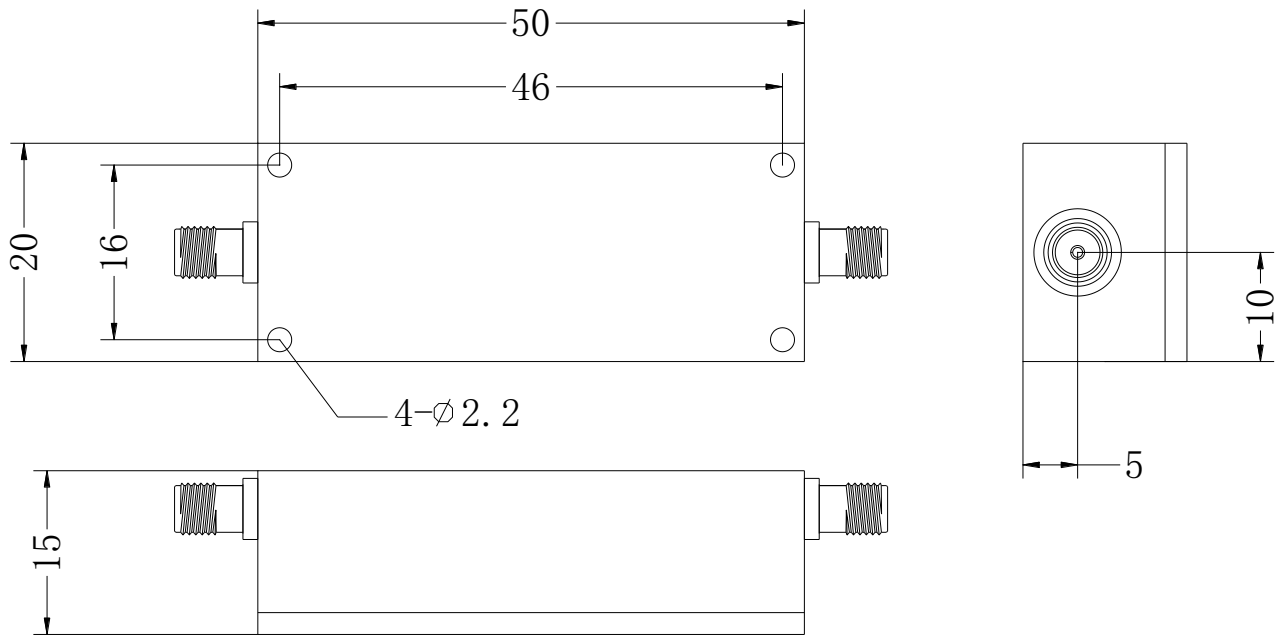
Electrical specification

Parameters	Specification
Frequency range	87.5-108MHz
Return loss	≥15dB
Max insertion loss	≤2.0dB
Ripple in band	≤1.0dB
Rejections	≥60dB@DC-53MHz&143-500MHz
Impedance all ports	50Ohm
Power	2W max
Operating temperature	-40°C~+70°C
Storage temperature	-55°C~+85°C

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 50mm x 20mm x 15mm
Connectors	SMA-Female
Finish	Aluminum
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

