

1. Feature

- ▶ High Performance
- ▶ High Reliability
- ▶ RoHS Compliant

Passband Filter

Part No: CBF00420M00500Q09A

Date: April.7th.2023

Revision No: A2

2. Electrical Specifications

Parameter	Specification	Remark
Passband	420-500MHz	
Insertion Loss	$\leq 1.0\text{dB}$	
Return Loss	$\geq 14\text{dB}$	
Rejection	$\geq 50\text{dB@DC-400MHz}$ $\geq 45\text{dB@510-1500MHz}$	
Average Power	100W	
Impedance	50 OHMS	

3. Environmental Specifications

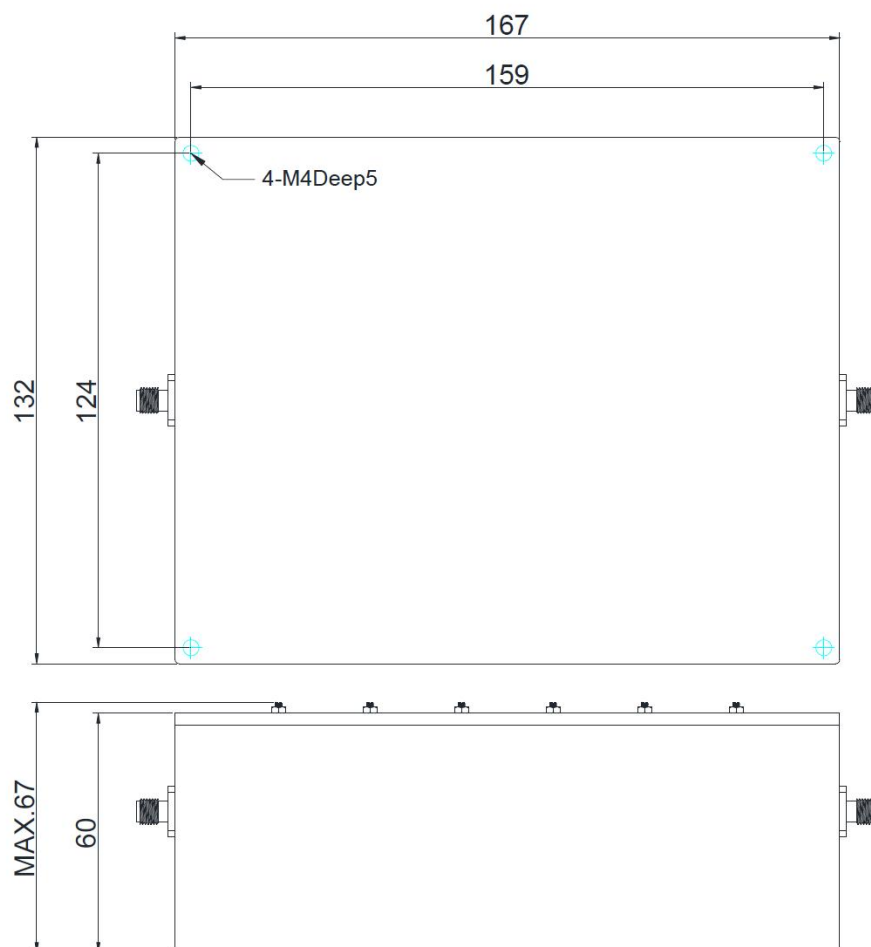
Parameter	Specifications	Remark
Operating Environment	-20 to +70°C	
Storage Temperature	-40 to +85°C	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	167.0x132.0x60.0mm	
Connector Type	SMA-female	
Surface Finish	Black Painting	



5. Outline Drawing ($\pm 0.5\text{mm}$)



6. Test Curve



CONCEPT

