

1. Feature

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

Bandpass Filter

Part No: CBF00030M00300A01

Date: Aug.19th.2024

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Passband	30MHz-300MHz	
Insertion Loss	$\leq 1.8\text{dB}$	
Return Loss	$\geq 10\text{dB}$	
Rejection	$\geq 40\text{dB@DC-15MHz}$ $\geq 40\text{dB@400-800MHz}$	
Average Power	1W	
Impedance	50 OHMS	

3. Environmental Specifications

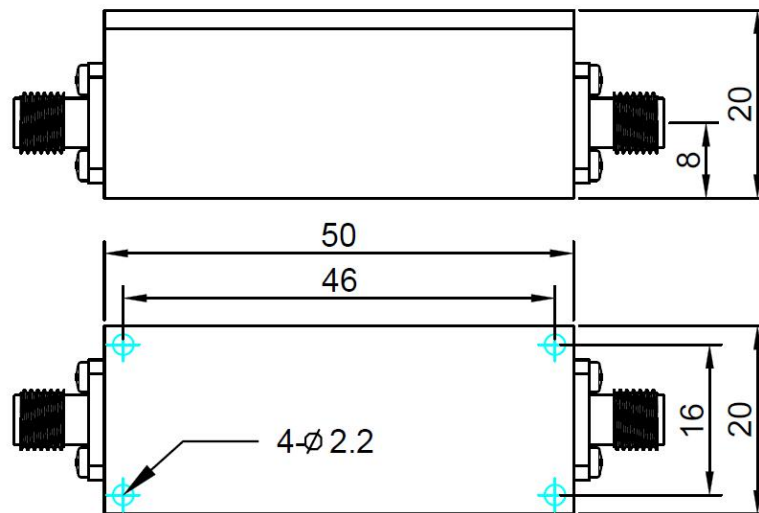
Parameter	Specifications	Remark
Operating Environment	-20°C to +70°C	
Storage Temperature	-40°C to +85°C	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	50.0x20.0x20.0mm (Exclusive the connectors and tuning screws)	
Connector Type	SMA-female	
Surface Finish	Black Painting	



5.Outline Drawing (±0.5mm)



6. Test Curve



CONCEPT

