

1. Feature

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

Bandpass Filer

Part No: CBF02170M02290Q07N

Date: Nov.27th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Passband	2170MHz-2290MHz	
Insertion Loss	≤1.0dB	
Return Loss	≥15dB	
Rejection	≥65dB@DC-1970MHz ≥60dB@1970-2070MHz ≥60dB@2360-2400MHz ≥65dB@2400-3800MHz	
Avarege Power	20W	
Impedance	50 OHMS	

3. Environmental Specifications

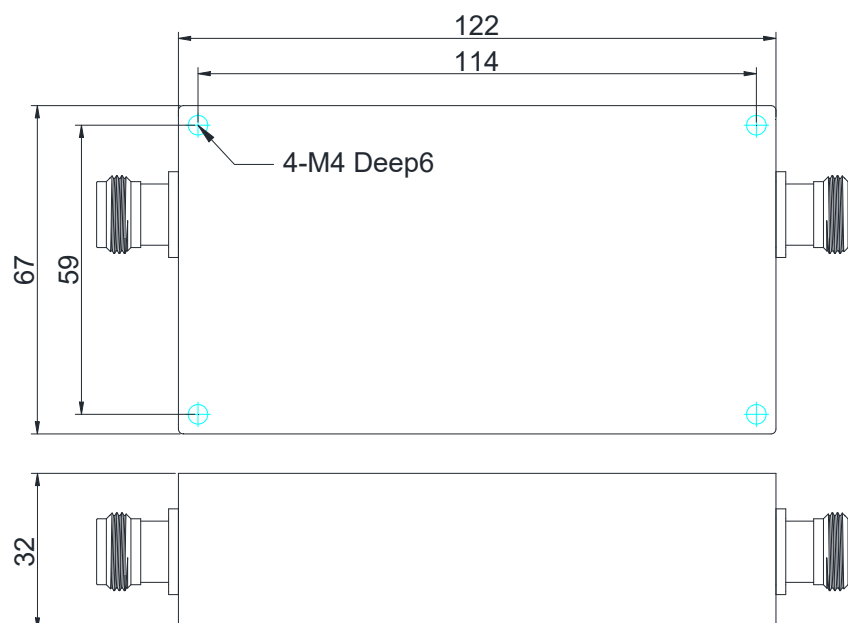
Parameter	Specifications	Remark
Operating Environment	-20°C to +70°C	
Storage Temperature	-40°C to +85°C	
Waterproof Ability	IP65	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	122.0x67.0x32.0mm (Exclusive the connectors and tuning screws)	
Connector Type	N-female	
Surface Finish	Black Painting	



5.Outline Drawing (±0.5mm)



6. Test Curve



CONCEPT

