



1. Feature

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

Bandpass Filer

Part No: CBF00975M01215Q13A03

Date: Sep.3th.2024

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Passband	975MHz-1215MHz	
Insertion Loss	$\leq 1.5\text{dB}@975-980\text{MHz}$ (+25 +/-5°C) $\leq 2.0\text{dB}@975-980\text{MHz}$ (-30 ~ +70°C) $\leq 1.0\text{dB}@980-1215\text{MHz}$ (+25 +/-5°C) $\leq 1.3\text{dB}@980-1215\text{MHz}$ (-30 ~ +70°C)	
Ripple in Band	$\leq 1.5\text{dB}@975\text{MHz}-1215\text{MHz}$	
VSWR	≤ 1.5	
Rejection	$\geq 40\text{dB}@750-955\text{MHz}$ $\geq 60\text{dB}@DC-750\text{MHz}$ $\geq 60\text{dB}@1700-2500\text{MHz}$	
Avarege Power	10W	
Impedance	50 OHMS	

3. Environmental Specifications

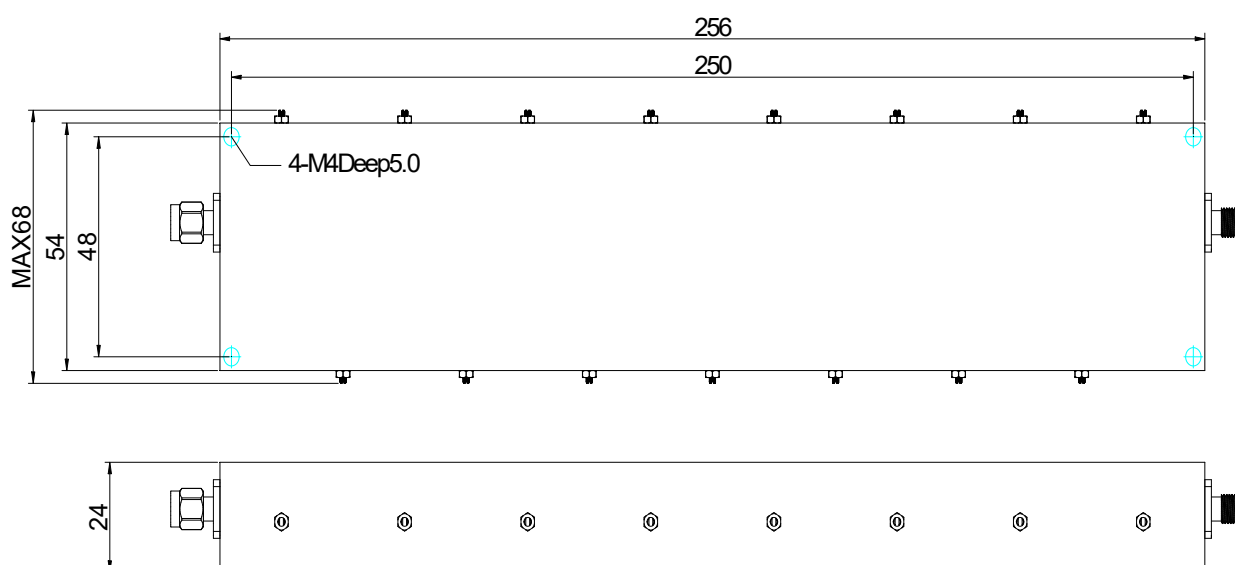
Parameter	Specifications	Remark
Operating Environment	-30 to +70°C	
Storage Temperature	-55°C to +85°C	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	256.0x54.0x24.0mm (Exclusive the connectors and tuning screws)	
Connector Type	In SMA-male / Out SMA-female	
Surface Finish	Black Painting	



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



6. Test Curve



CONCEPT

