



1. Feature

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

Bandpass Filer

Part No: CBF01050M01215Q15NA01

Date: April.30th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Passband	1050-1215MHz	
Insertion Loss	$\leq 1.5\text{dB}$ (+25 $\pm$ -5°C) $\leq 1.8\text{dB}$ (-30 to +70°C)	
Ripple in Band	$\leq 1.5\text{dB}@1050-1215\text{MHz}$	
VSWR	≤ 1.5	
Rejection	$\geq 40\text{dB}@1025-1035\text{MHz}$ $\geq 60\text{dB}@DC-960\text{MHz}$ $\geq 60\text{dB}@1700-2500\text{MHz}$	
Avarege Power	10W	
Impedance	50 OHMS	

3. Environmental Specifications

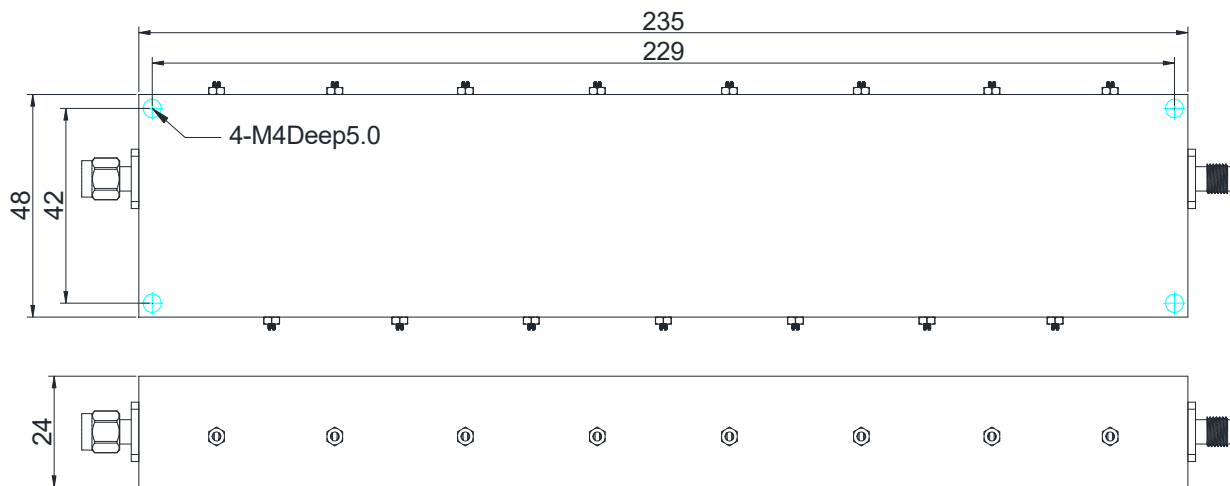
Parameter	Specifications	Remark
Operating Environment	-30 to +70°C	
Storage Temperature	-55°C to +85°C	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	235.0x48.0x24.0mm (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

