

1. Feature

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

Bandpass Filter

Part No: CBF01345M01405Q06A

Date: April.15th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Pass Band	1345MHz-1405MHz	
Rejection	$\geq 57\text{dB@DC-1245MHz}$ $\geq 57\text{dB@1505-3000MHz}$	
Insertion loss	$\leq 1.0\text{dB}$	
Ripple	$\leq 0.5\text{dB}$	
Return Loss	$\geq 23\text{dB}$	
Average Power	200W	
Impedance	50 Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	100.0 x 48.0 x 25.0 mm (Not including the tuning screws and connectors)	
Connector Type	SMA-female	
Surface Finish	Black Painting	

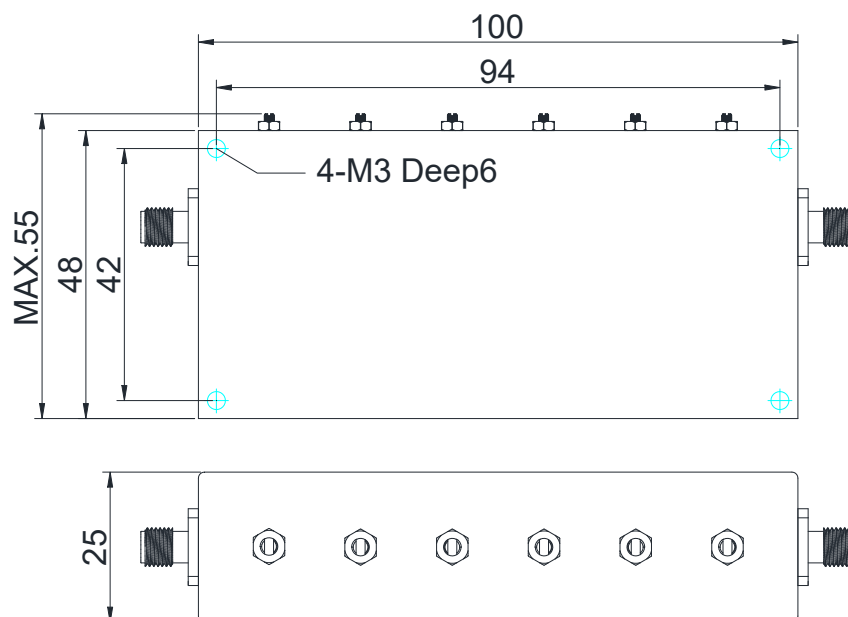
4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-30 $^{\circ}\text{C}$ to +70 $^{\circ}\text{C}$	
Storage Temperature	-45 $^{\circ}\text{C}$ to +90 $^{\circ}\text{C}$	

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



CONCEPT



6. Test Curve



CONCEPT

