

1. Feature

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

Bandpass Filter

Part No: CBF04610M04910Q10A

Date: Sep.26th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Pass band	4610-4910MHz	
Rejection	$\geq 50\text{dB}@DC-4560\text{MHz}$, $\geq 50\text{dB}@4960-5500\text{MHz}$	
Insertion Loss	$\leq 1.0\text{dB}$	
VSWR	≤ 1.30	
Average Power	$\leq 20\text{W}$	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	102.0 x 72.0 x 20.0 mm (Not including the tuning screws and Connectors)	
Connector Type	SMA-female	
Surface Finish	Black Painting	

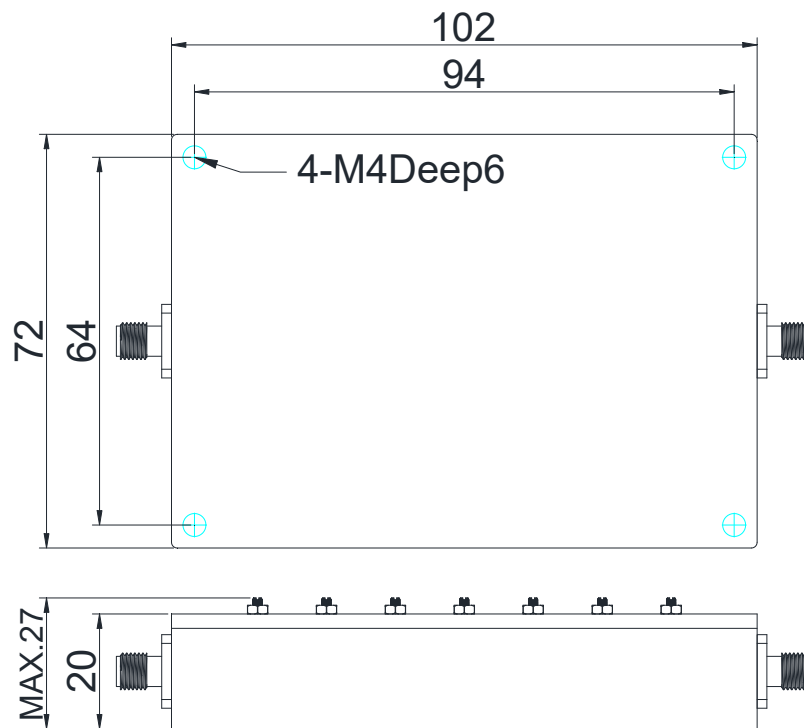
4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-20 to +70 °C	
Storage Temperature	-55 to +85 °C	

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



CONCEPT



6. Test Curve



CONCEPT

