



## 1. Feature

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

**Bandpass Filter**

**Part No: CBF02485M02499Q04A**

**Date: Jan.14<sup>th</sup>.2026**

**Revision No: Preliminary**

## 2. Electrical Specifications

Parameter	Specification	Remark
Center Frequency	2492.028MHz	
Pass Band	2484.528-2499.528MHz	
Insertion Loss	≤1.2dB	
Return Loss	≥16dB	
Rejection	≥35dB@DC-2442.028MHz, ≥35dB@2542.028-5000MHz,	
Average Power	≤20W	
Impedance	50Ω	

## 3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	102.0 x 30.0 x 25.0 mm ( Not including the tuning screws and connectors )	
Connector Type	SMA-female	
Surface Finish	Black Painting	

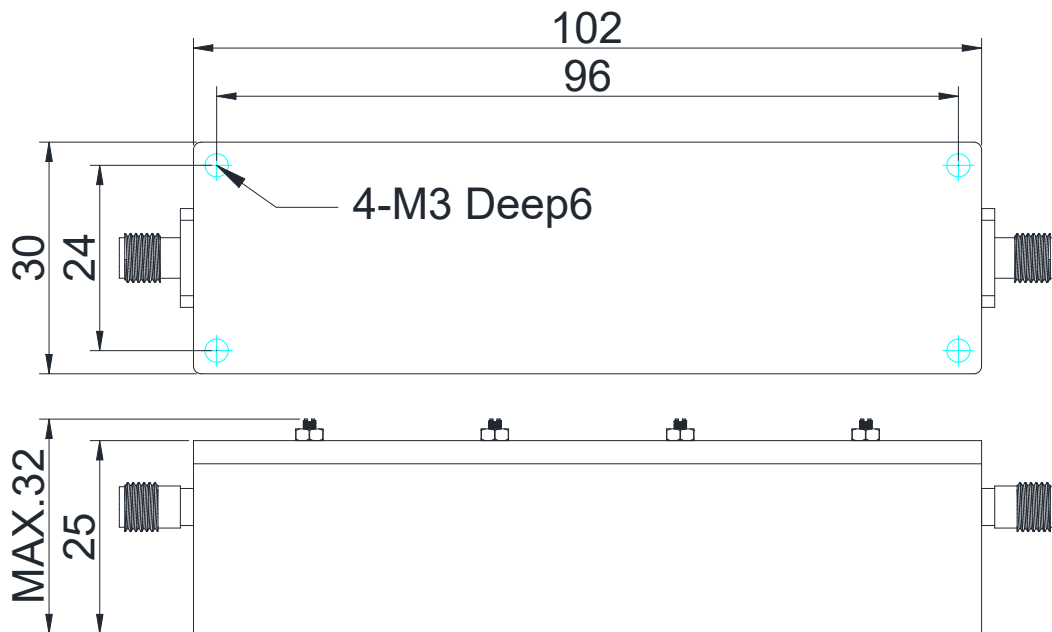
## 4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-25 to +75 °C	
Storage Temperature	-45 to +85 °C	

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



**CONCEPT**



## 6. Test Curve



**CONCEPT**

