



## 1. Feature

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

Lowpass Filter

Part No: CLF09650M09850A01A

Date: July.15<sup>th</sup>.2024

Revision No: Preliminary

## 2. Electrical Specifications

Parameter	Specification	Remark
Pass Band	9.65-9.85GHz	
Rejection	≥50dB@19.3-19.7GHz ≥80dB@28.95-29.55GHz	
Insertion Loss	≤0.5dB	
VSWR	≤1.5	
Average Power	≤30W	
Impedance	50Ω	

## 3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	50.0 x 25 .0 x 12.0 mm ( Not including the tuning screws and connectors )	
Connector Type	SMA-female / SMA-male	
Surface Finish	Black Painting	

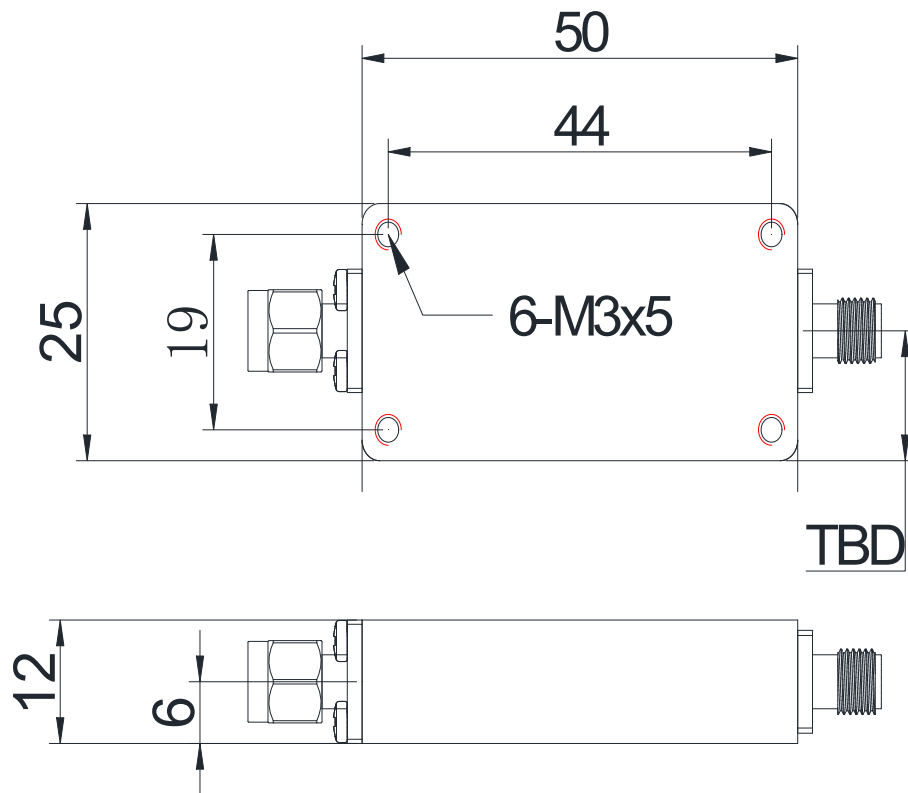
## 4. Temperature Specifications

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

