

1. Feature

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

Lowpass Filter

Part No: CLF07445M08430A01

Date: Oct.9th.2025

Revision No: A1

2. Electrical Specifications

Parameter	Specification	Remark
Passband	7445-8430MHz	
Insertion Loss	≤2.0dB	
Return Loss	≥12dB	
Rejection	≥60dB@14890-50000MHz ≥80dB@42000MHz	
Average Power	5W	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	80.0x22.0x12.0mm	
Connector Type	SMA-female	
Surface Finish	Black Painting	

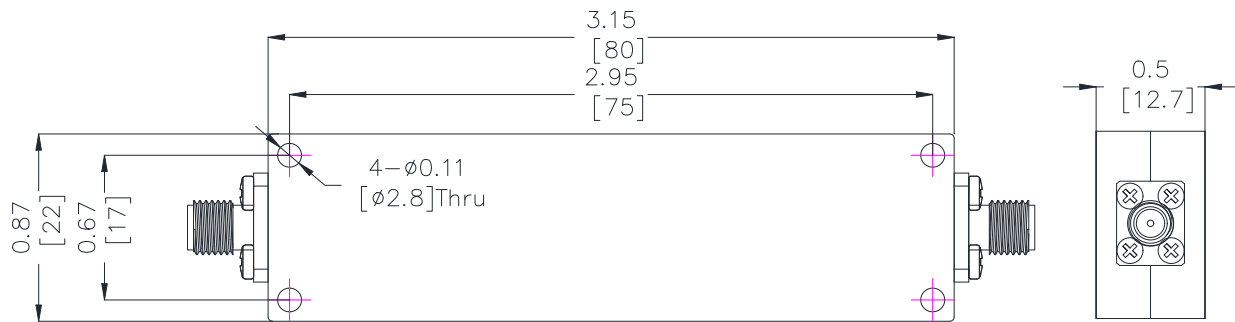
4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-25 to +70 °C	
Storage Temperature	-45 to +85 °C	

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



CONCEPT



6. Test Curve



CONCEPT

