

1. Feature

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

Lowpass Filter

Part No: CLF03000M08000N01

Date: April.1th.2026

Revision No: A1

2. Electrical Specifications

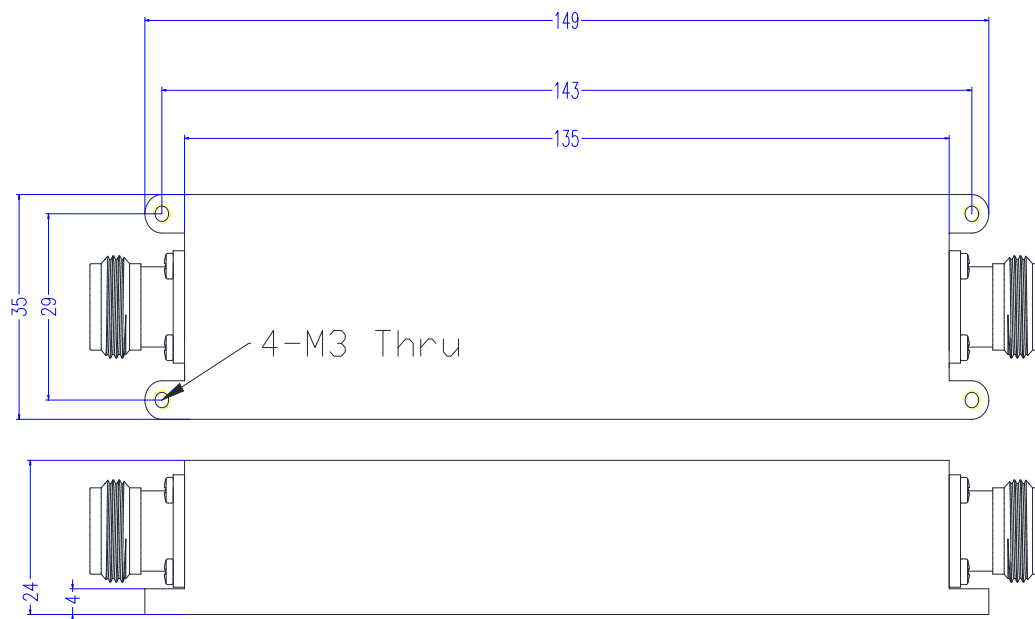
Parameter	Specification	Remark
Pass Band	3000-8000MHz	
Rejection	$\geq 40\text{dB}@12000\text{MHz}-17000\text{MHz}$	
Insertion Loss	$\leq 0.4\text{dB}$	
Return Loss	$\geq 15\text{dB}$	
Average Power	150W C.W	
Impedance	50 Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	135.0 x 35.0 x 24.0 mm (Not including the tuning screws and connectors)	
Connector Type	N-female	
Surface Finish	Clear Conductive Coating (without Black Painting)	

4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-20 to +75 °C	
Storage Temperature	-40 to +90 °C	



6.Test Curve



CONCEPT

