1. Feature

- High Performance
- High Reliability
- RoHS Compliant

Lowpass Filter

Part No: CLF00000M00400DIN01

Date: June.18th.2026

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Pass Band	DC-400MHz	
Insertion Loss	≤0.6dB	
VSWR	≤1.5	
Rejection	≥40dB@500-1500MHz	
Average Power	500W	
Impedance	50Ω	

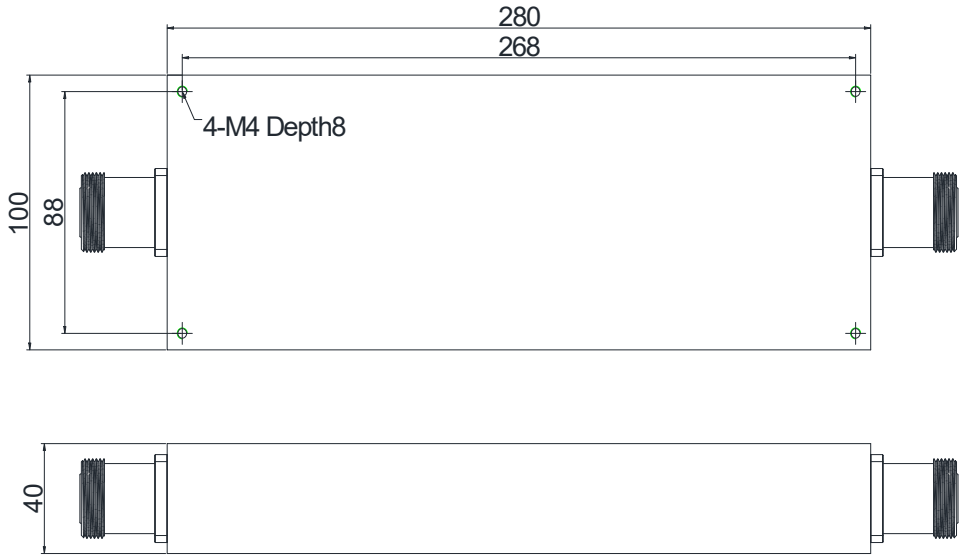
3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	280.0 x 100.0 x 40.0 mm (Not including the tuning screws and connectors)	
Connector Type	7/16 DIN-female	
Surface Finish	Clear Conductive Coating	

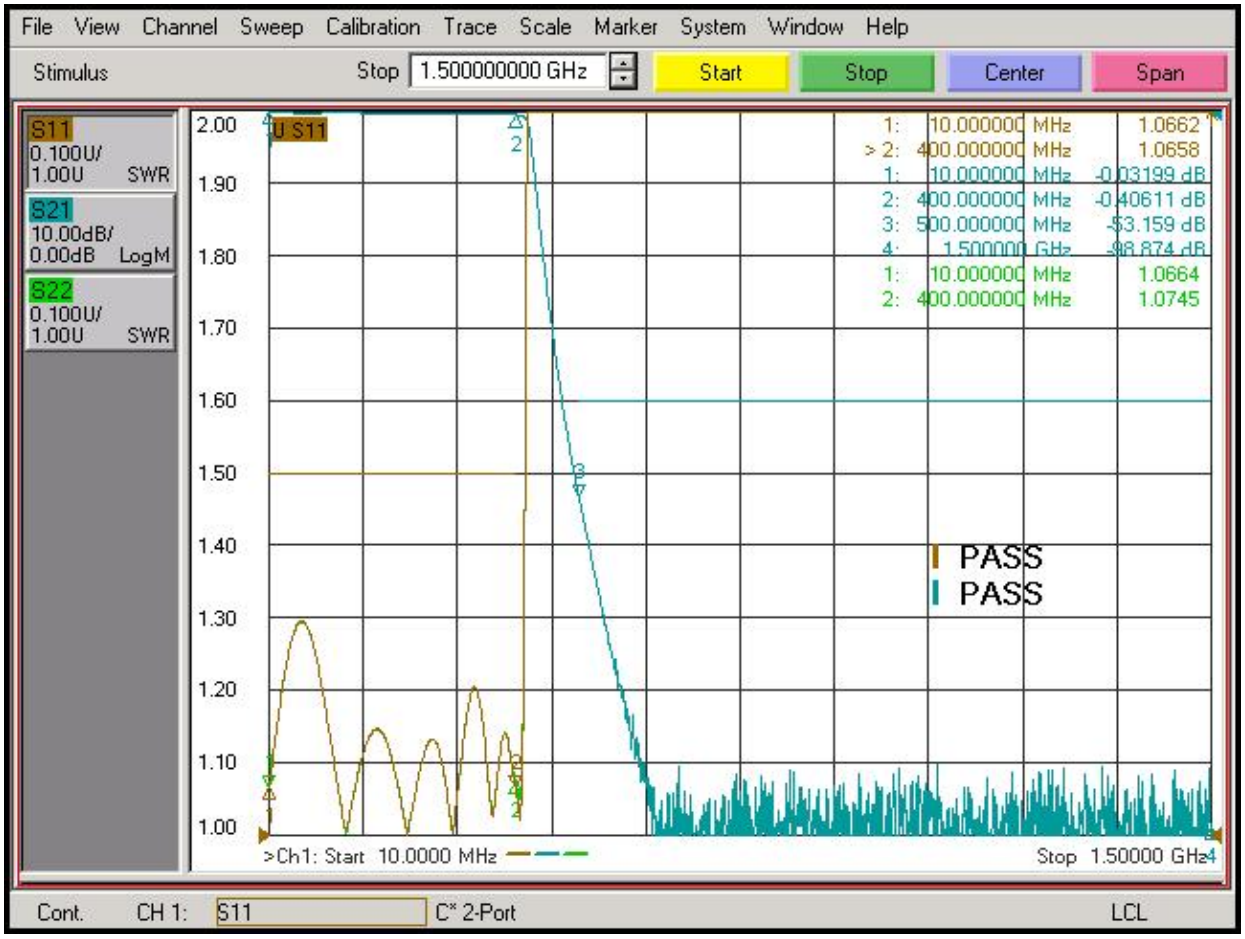
4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-20 to +70 ℃	
Storage Temperature	-45 to +85 ℃	

5.Outline Drawing (±0.5mm)



6.Test Curve


File View Channel Sweep Calibration Trace Scale Marker System Window Help
Stimulus
Stop 1.500000000 GHz
Start
Stop
Center
Span
S11
0.100U/
1.00U SWR
S21
10.00dB/
0.00dB LogM
S22
0.100U/
1.00U SWR
U S11
2.00
1.90
1.80
1.70
1.60
1.50
1.40
1.30
1.20
1.10
1.00
1: 10.000000 MHz 1.0662
> 2: 400.000000 MHz 1.0658
1: 10.000000 MHz -0.03199 dB
2: 400.000000 MHz -0.40611 dB
3: 500.000000 MHz -3.159 dB
4: 1.500000 GHz -98.874 dB
1: 10.000000 MHz 1.0664
2: 400.000000 MHz 1.0745
PASS
PASS
>Ch1: Start 10.0000 MHz
Stop 1.50000 GHz
Cont.
CH 1:
S11
C* 2-Port
LCL