

1. Feature

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

Bandpass Filter

Part No: CBF11500M12500Q09A

Date: May.06th.2026

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Center Frequency	12000MHz	
Pass Band	11500~12500MHz	
Insertion Loss	$\leq 1.2\text{dB}$	
Return Loss	$\geq 15\text{dB}$	
Rejection	$\geq 60\text{dB}@DC-10750\text{Mhz}$ $\geq 70\text{dB}@13250-20000\text{Mhz}$	
Average Power	$\leq 10\text{W}$	
Impedance	50 Ω	

3. Mechanical Specifications

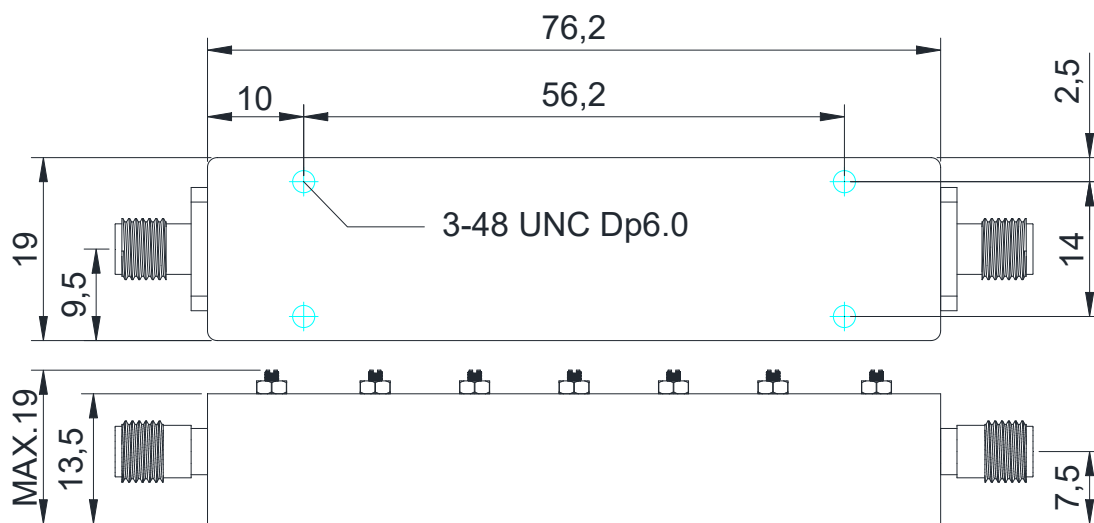
Parameter	Specifications	Remark
Dimensions	76.2 x 19.0 x 13.5 mm (Not including the tuning screws and connectors)	
Connector Type	SMA-Female	
Surface Finish	Black plating	

4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-30 to +70 °C	
Storage Temperature	-55 to +85 °C	



CONCEPT



6. Test Curve



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