



1. Feature

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

Bandpass Filer

Part No: CBF00470M00800Q12A

Date: Sep.11th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Passband	470-800MHz	
Insertion Loss	$\leq 1.0\text{dB}$	
Return Loss	$\geq 14\text{dB}$	
Rejection	$\geq 40\text{dB@DC-200MHz}$ $\geq 40\text{dB@850-4000MHz}$	
Avarege Power	150W Max.	
Impedance	50 OHMS	

3. Environmental Specifications

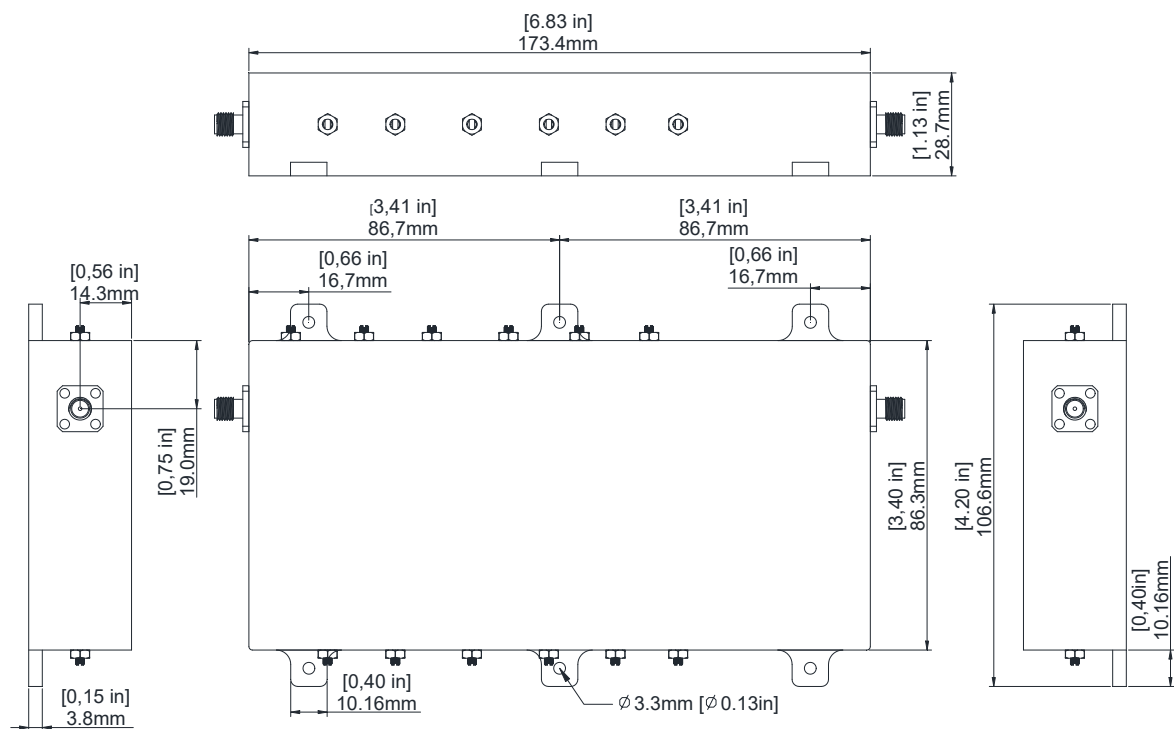
Parameter	Specifications	Remark
Operating Environment	-25°C to +75°C	
Storage Temperature	-45°C to +85°C	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	173.4 x 86.3 x 28.7mm (Exclusive the connectors and tuning screws)	
Connector Type	SMA-female	
Surface Finish	Black Painting	



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



6.Test Curve



CONCEPT

