

1. Feature

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

Highpass Filter

Part No: CAHF05000M08700A01

Date: May.21th.2024

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Pass Band	5000-8700MHz	
Rejection	$\geq 100\text{dB}@2500\text{-}2900\text{MHz}$	
Insertion Loss	$\leq 2.0\text{dB}$	
Return Loss	$\geq 15\text{dB}@ \text{Passband}$ $\geq 15\text{dB}@ \text{Rejection Band}$	
Average Power	$\leq 20\text{W}@ \text{Passband CW}$ $\leq 1\text{W}@ \text{Rejection Band CW}$	
Impedance	50Ω	

3. Mechanical Specifications

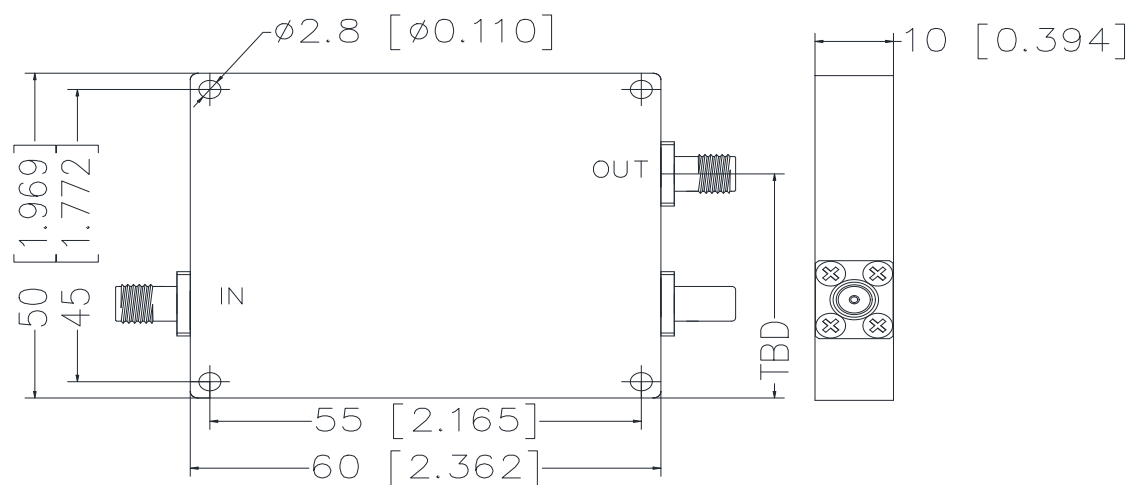
Parameter	Specifications	Remark
Dimensions	60.0 x 50.0 x 10.0mm (Not including the tuning screws and connectors)	
Connector Type	SMA-female	
Surface Finish	Black Painting	

4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-20℃ to +65℃	
Storage Temperature	-55 to +85 ℃	



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6.Test Curve



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