

1. Feature

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

Highpass Filter

Part No: CAHF09800M16500A01

Date: May.21th.2024

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Pass Band	9800-16500MHz	
Rejection	$\geq 100\text{dB}@4900\text{-}5500\text{MHz}$	
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°C to $+65^{\circ}\text{C}$	
Storage Temperature	-55 to $+85^{\circ}\text{C}$	



CONCEPT



