

1. Feature

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



CONCEPT

Highpass Filter

Part No: CHF11700M15000A01

Date: Sep.15th.2022

Revision No: Preliminary

2. Electrical Specifications

Frequency range	11700-15000MHz	GHz
Insertion Loss	≤1.0	dB
Passband insertion loss variation	≤0.2dB peak-peak in any 80MHz interval ≤1.0 peak-peak in the range of 11.7-15GHz	
Attenuation	≥15dB@DC-9.8GHz	dB
Return Loss	≥18	dB
Group delay variation	≤1ns peak-peak within any 80MHz interval, in the range of 11.7-15GHz	
Impedance	50	Ω
Power	10	W cw

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	30.0 x 20.0 x 10.0 mm (Not including the tuning screws and connectors)	
Connector Type	SMA-male / SMA-female	
Surface Finish	本导喷砂	

4. Temperature Specifications

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

5.Outline Drawing ($\pm 0.3\text{mm}$)



CONCEPT

