

## 1. Feature

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

**Highpass Filter**

**Part No: CHF01300M18000A01**

**Date: March.6<sup>th</sup>.2025**

**Revision No: A1**

## 2. Electrical Specifications

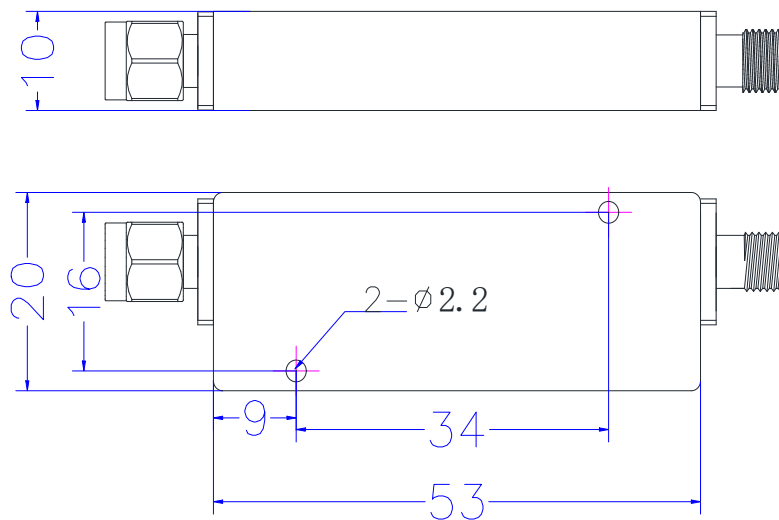
| Parameter      | Specification                 | Remark |
|----------------|-------------------------------|--------|
| Pass Band      | 1300-18000MHz                 |        |
| Rejection      | $\geq 25\text{dB@DC-1095MHz}$ |        |
| Insertion loss | $\leq 1.5\text{dB}$           |        |
| VSWR           | $\leq 2.0$                    |        |
| Average Power  | 10W C.W                       |        |
| Impedance      | 50 $\Omega$                   |        |

## 3. Mechanical Specifications

| Parameter      | Specifications                                                              | Remark |
|----------------|-----------------------------------------------------------------------------|--------|
| Dimensions     | 53.0 x 20.0 x 10.0 mm<br>( Not including the tuning screws and connectors ) |        |
| Connector Type | SMA-m / SMA-f                                                               |        |
| Surface Finish | Black Painting                                                              |        |

## 4. Environmental Specifications

| Parameter               | Specifications     | Remark    |
|-------------------------|--------------------|-----------|
| Operational Temperature | -45 to +85 °C      |           |
| Storage Temperature     | -55 to +125 °C     |           |
| Vibration               | 8g rms             | By Design |
| Shock                   | 20g,11ms,saw-tooth | By Design |
| Acceleration            | 15g                | By Design |



## 6. Test Curve



**CONCEPT**

