

## 1. Feature

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

**Notch Filter**

**Part No: CNF03800M04500Q10A**

**Date: Apr.22<sup>th</sup>.2024**

**Revision No: Preliminary**

## 2. Electrical Specifications

| Parameter      | Specification              | Remark |
|----------------|----------------------------|--------|
| Notch Band     | 3800-4500MHz               |        |
| Rejection      | ≥60dB                      |        |
| Passband       | DC-3420MHz & 4950-12000MHz |        |
| Insertion loss | ≤2.0dB                     |        |
| VSWR           | ≤2.0                       |        |
| Average Power  | ≤20W                       |        |
| Impedance      | 50Ω                        |        |

## 3. Mechanical Specifications

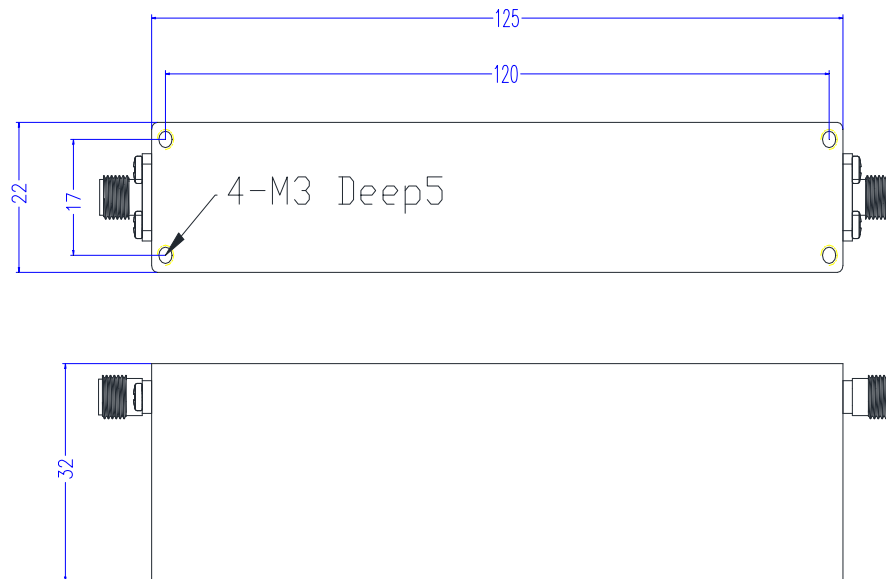
| Parameter      | Specifications                                                               | Remark |
|----------------|------------------------------------------------------------------------------|--------|
| Dimensions     | 125.0 x 22.0 x 32.0 mm<br>( Not including the tuning screws and connectors ) |        |
| Connector Type | SMA- female                                                                  |        |
| Surface Finish | Black Painting                                                               |        |

## 4. Temperature Specifications

| Parameter               | Specifications | Remark |
|-------------------------|----------------|--------|
| Operational Temperature | 0 to +50 °C    |        |
| Storage Temperature     | -55 to +85 °C  |        |



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



## 6. Test Curve



CONCEPT

