



## 1. Feature

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

**Notch Filter**

**Part No: CNF01023M01037Q08A**

**Date: March.8<sup>th</sup>.2024**

**Revision No: Preliminary**

## 2. Electrical Specifications

| Parameter      | Specification             | Remark |
|----------------|---------------------------|--------|
| Notch Band     | 1023-1037MHz              |        |
| Rejection      | ≥80dB                     |        |
| Passband       | DC-1005MHz & 1055-2000MHz |        |
| Insertion Loss | ≤2.0dB                    |        |
| Return Loss    | ≥12dB                     |        |
| Average Power  | ≤40W                      |        |
| Impedance      | 50Ω                       |        |

## 3. Mechanical Specifications

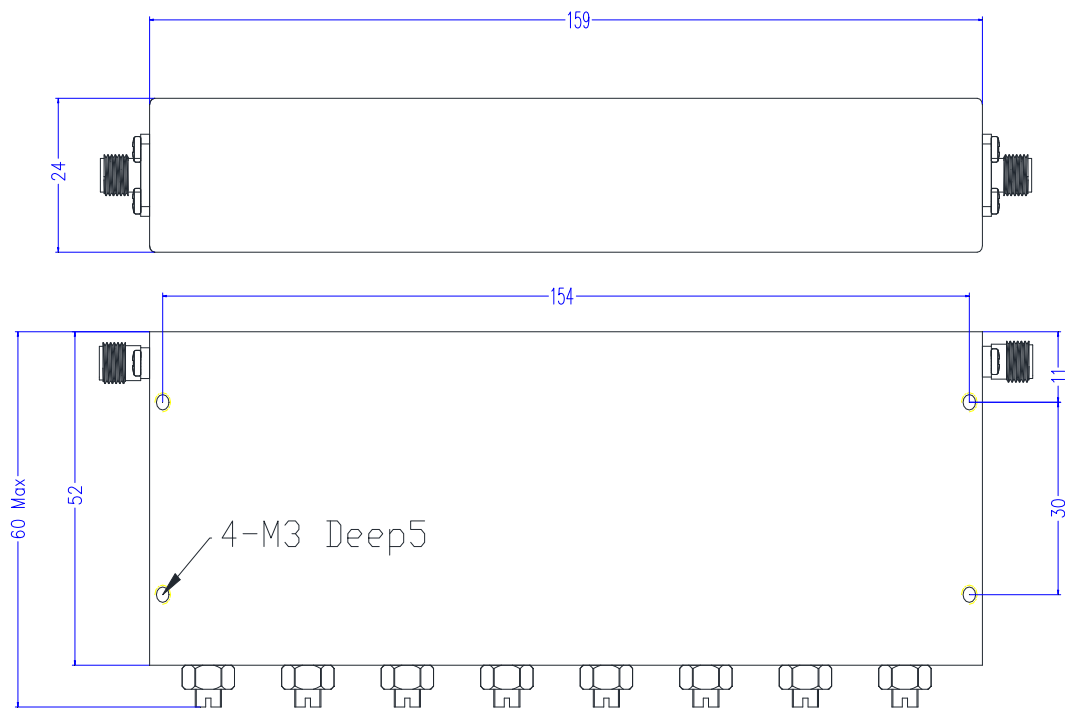
| Parameter      | Specifications   | Remark |
|----------------|--|--------|
| Dimensions     | 159.0 x 52.0 x 24.0 mm<br>( Not including the tuning screws and connectors ) |        |
| Connector Type | SMA- female  |        |
| Surface Finish | Black Painting   |        |

## 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 Curves



CONCEPT

