

Professional manufacturer of  
passive microwave components

DN: CN0210-Sep./23th/2024  
Technical Specifications

1. Feature

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

Triplexer  
Part No: CBC02200M08000A03  
Date: Sep.23th.2024  
Revision No: Preliminary

2. Electrical Specifications

| Parameter               | Band 1                       | Band 2                          | Band 3          | Units |
|-------------------------|------------------------------|---------------------------------|-----------------|-------|
| Pass band Frequency     | DC-2.65GHz                   | 4.2-5.3GHz                      | 6.3-8GHz        | GHz   |
| Insertion Loss          | ≤2.0dB                       |                                 |                 | dB    |
| Insertion Loss Flatness | ≤0.6dB over 100MHz Bandwidth |                                 |                 |       |
| Stop Band Attention     | ≥60dB@3.3-10GHz              | ≥60dB@2-3.3GHz<br>≥60dB@6-10GHz | ≥60dB@DC-5.7GHz | dB    |
| Return Loss             | ≥12db@2.2-2.65GHz            | ≥12dB                           | ≥12dB           | dB    |
| Power                   | 20                           |                                 |                 | W cw  |

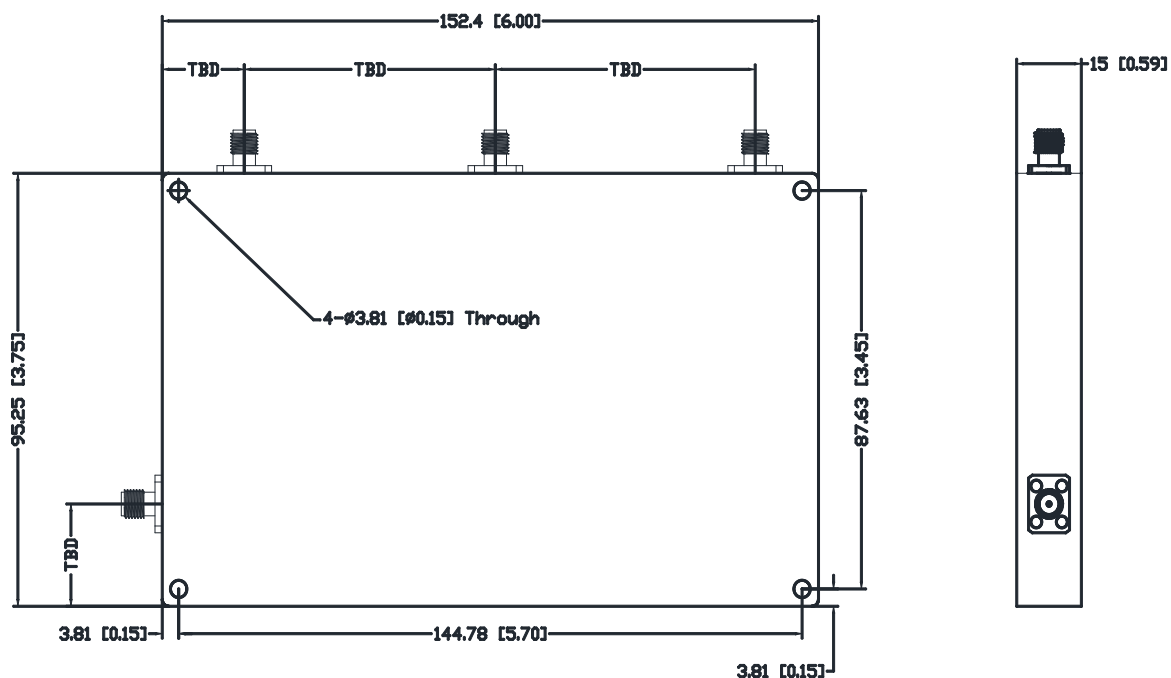
3. Environmental Specifications

| Parameter               | Specifications | Remark |
|-------------------------|----------------|--------|
| Operating Temperature   | -25℃ to +65℃   |        |
| Storage Temperature     | -45℃ to +85℃   |        |
| Application Environment | Indoor type    |        |

4. Mechanical Specifications

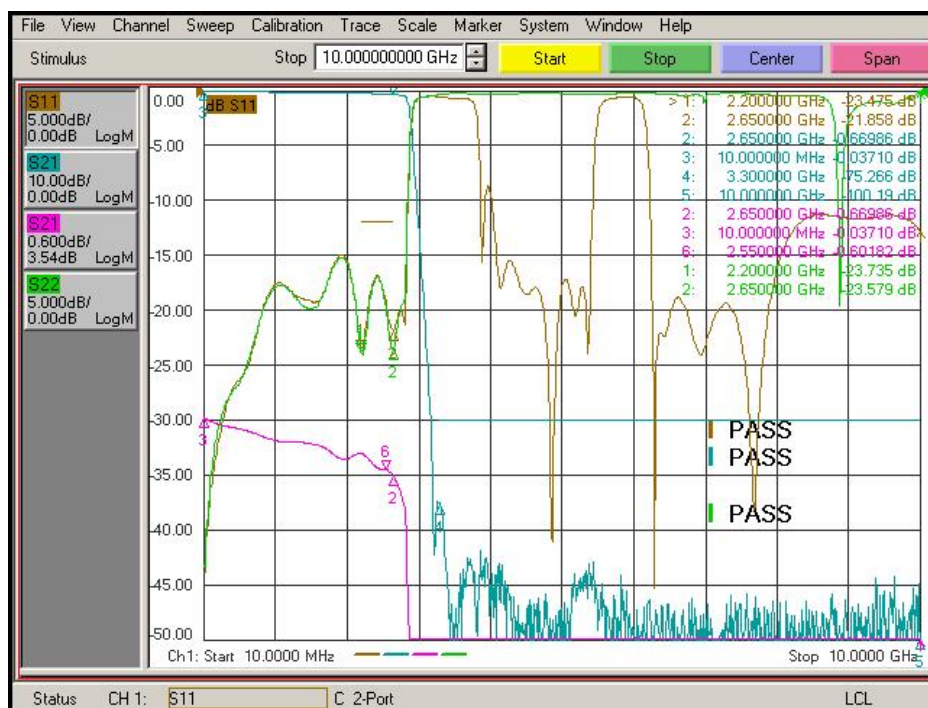
| Parameter      | Specifications     | Remark |
|----------------|--------------------|--------|
| Dimensions     | 152.4x95.25x15.0mm |        |
| Connector Type | SMA-female         |        |
| Surface Finish | Black Painting     |        |

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

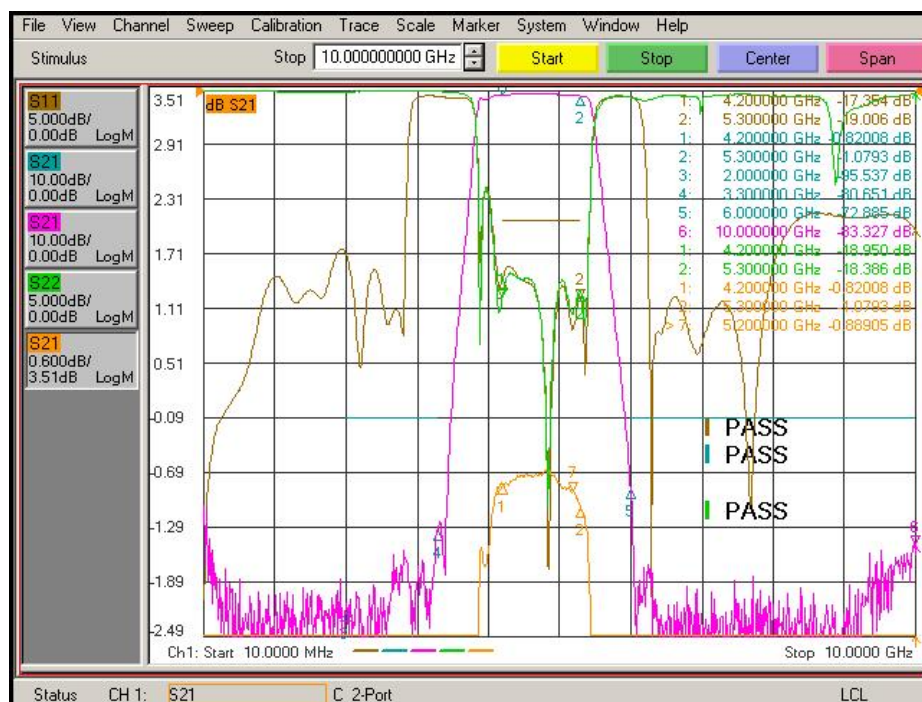


## 6. Test Curves

### Band 1



### Band 2



### Band 3

