

**Professional manufacturer of  
passive microwave components**

DN: CN0292-Sep./22th/2021

Technical Specifications

### 1. Feature

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

**Cavity Combiner**

**Part No: CUD00380M02690M4310FWP**

**Date: Sep.22th.2021**

**Revision No: Preliminary**

### 2. Electrical Specifications

|                   |                                 |              |
|-------------------|---------------------------------|--------------|
| Frequency range   | 380-960MHz                      | 1427-2690MHz |
| Return loss       | ≥18dB                           | ≥18dB        |
| Insertion loss    | ≤0.3dB                          | ≤0.3dB       |
| Isolation         | ≥50dB@380-960MHz & 1427-2690MHz |              |
| Power             | 300W                            |              |
| PIM3              | ≤-150dBc@2*43dBm                |              |
| Temperature range | -30°C to +70°C                  |              |

### 3. Environmental Specifications

| Parameter               | Specifications | Remark |
|-------------------------|----------------|--------|
| Operating Temperature   | -30°C to +70°C |        |
| Application Environment | IP65           |        |

### 4. Mechanical Specifications

| Parameter      | Specifications   | Remark |
|----------------|--|--------|
| Dimensions     | 173x100x45mm<br>( Not including the tuning screws and connectors ) |        |
| Connector Type | 4.3-10 / Female  |        |
| Surface Finish | Gray RA7035, Akzo Nobel powder spraying                            |        |

**成都康普信源科技有限公司**

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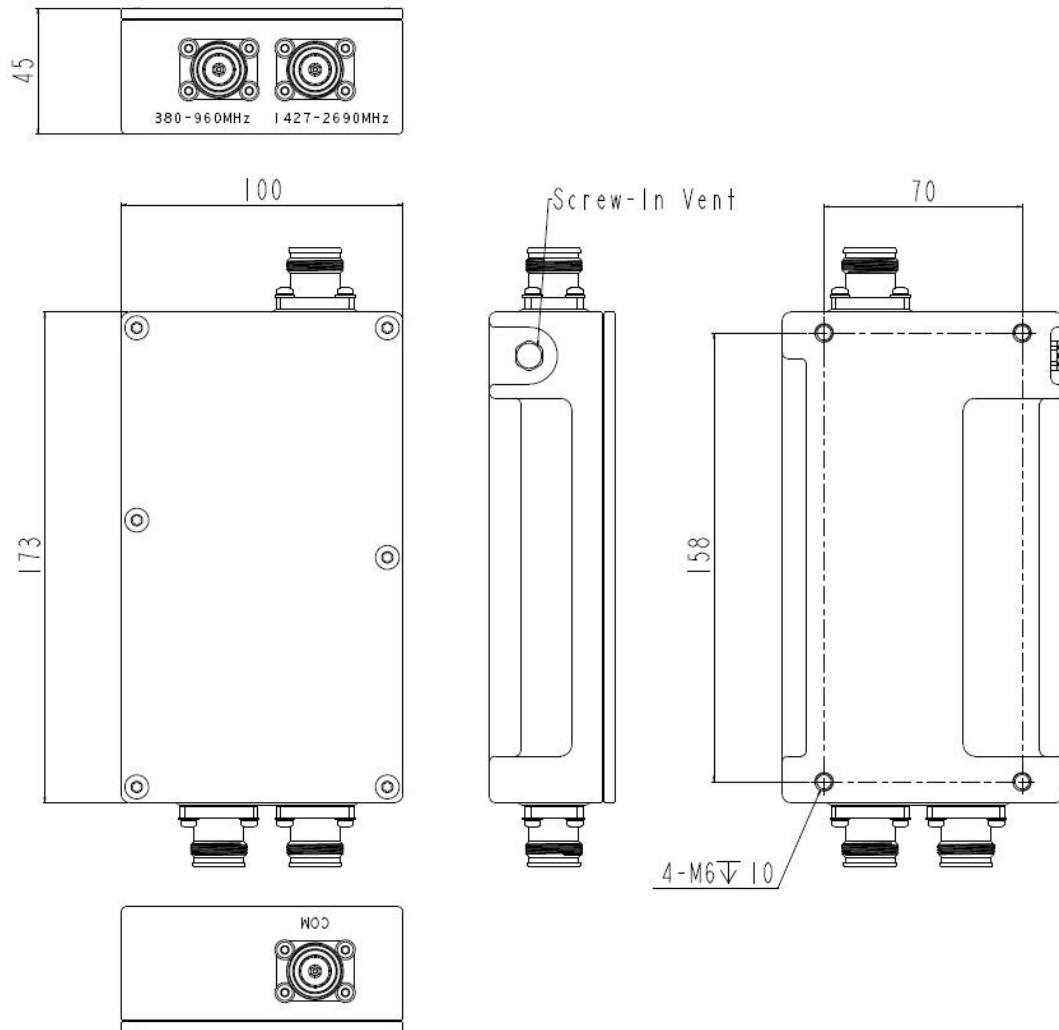
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**5. Outline Drawing ( $\pm 0.3\text{mm}$ )**



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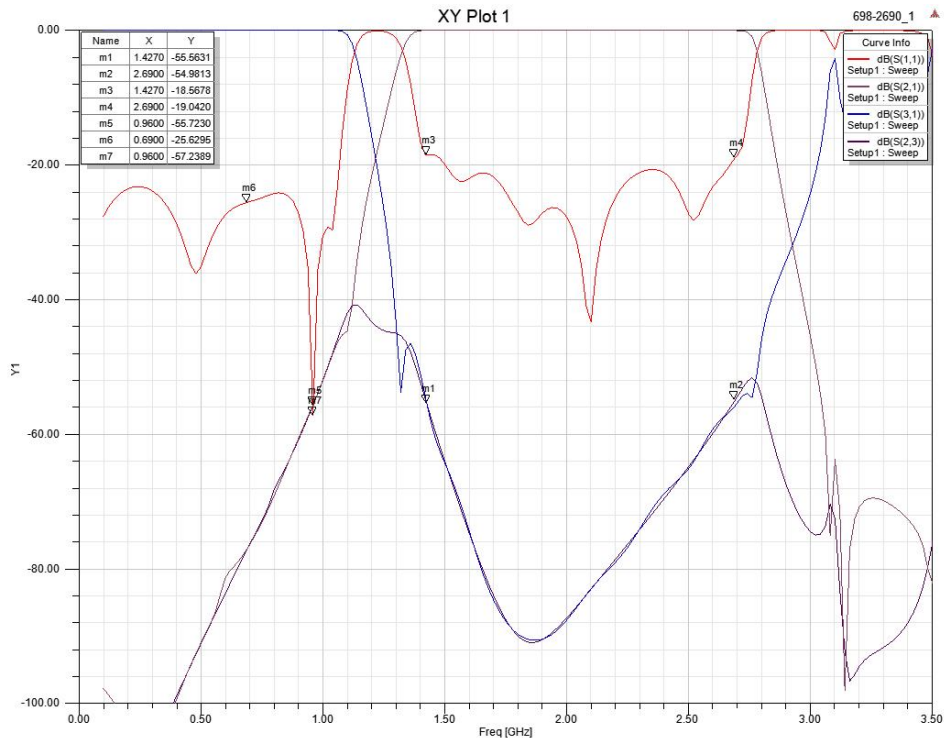
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## 6. Simulation Curve



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