

**Professional manufacturer of
passive microwave components**

DN: CN0298-Sep./25th/2021

Technical Specifications

1. Feature

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

Cavity Combiner

Part No: CUD00380M02700M50N

Date: Sep.25th.2021

Revision No: Preliminary

2. Electrical Specifications

Frequency range	380-960MHz	1695-2700MHz
Return loss	≥16dB@DC-380MHz ≥18dB@380-960MHz&1695-2700MHz	
Insertion loss	≤0.3dB	
Isolation	≥55dB@DC-960MHz&1695-2700MHz	
Average power	200W / 53dBm (+25°C 1atm)	
Peak power	1000W / 60dBm (+25°C 1atm)	
PIM3	≤-150dBc@2*43dBm	
Temperature range	-40 °C to +85 °C	

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-40 °C to +85 °C	
Application Environment	Indoor Application	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	161mm x 83.5mm x 30mm (Not including the tuning screws and connectors)	
Connector Type	N-female	
Surface Finish	Silver Plated	

成都康普信源科技有限公司

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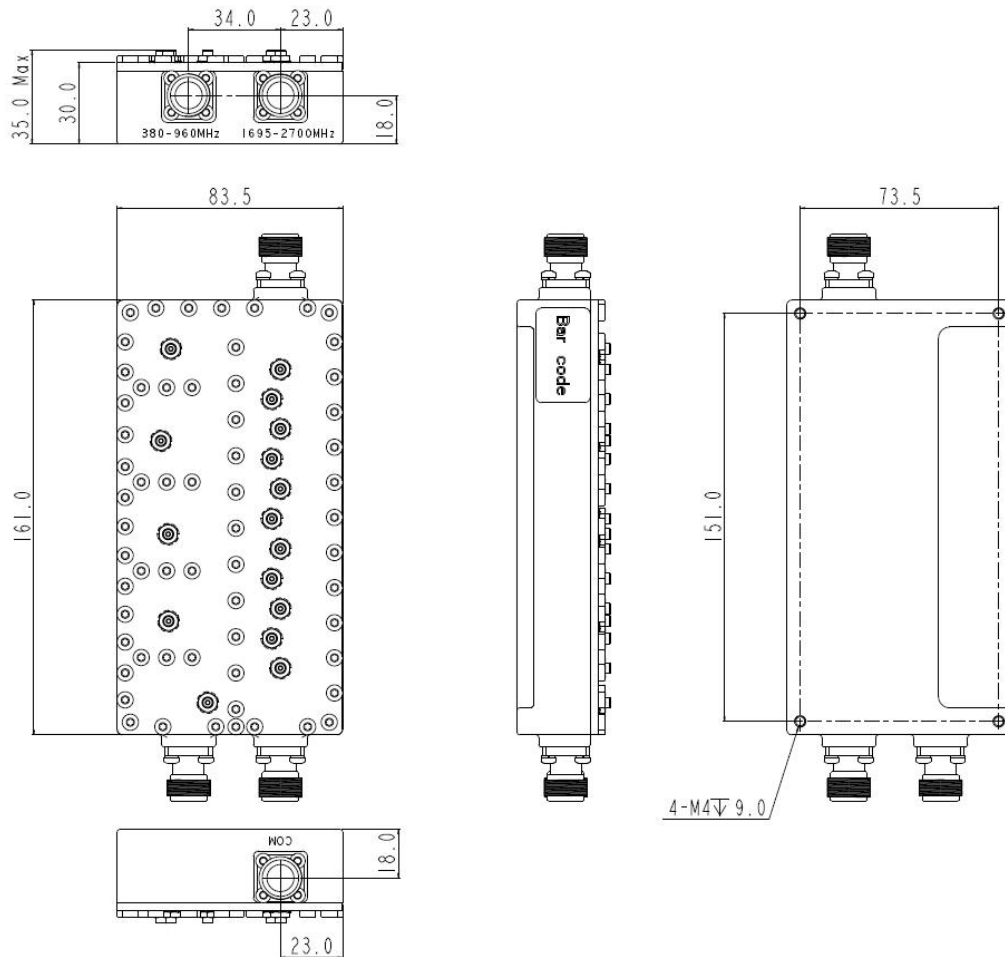
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5. Outline Drawing ($\pm 0.3\text{mm}$)



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6. Simulation Curve

