



## 1. Feature

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

Power Divider

Part No: CPD00500M02000A03

Date: June.16<sup>th</sup>.2020

Revision No:Preliminary

## 2. Electrical Specifications

| Parameter         | Specification                              | Remark |
|-------------------|--|--------|
| Frequency Range   | 500-2000MHz                                |        |
| Insertion loss    | ≤1.0dB                                     |        |
| VSWR              | ≤1.40 (Input)<br>≤1.30 (Output)            |        |
| Amplitude Balance | ≤±0.5dB                                    |        |
| Phase Balance     | ≤±5degree                                  |        |
| Isolation         | ≥20dB                                      |        |
| Average Power     | 20W ( as a Divider )<br>1W (as a Combiner) |        |
| Impedance         | 50Ω  |        |

## 3. Mechanical Specifications

| Parameter      | Specifications   | Remark |
|----------------|------------------|--------|
| Dimensions     | 92.0x43.0x10.0mm |        |
| Connector Type | SMA-female       |        |
| Surface Finish | Grey Painting    |        |

## 4. Temperature Specifications

| Parameter               | Specifications | Remark |
|-------------------------|----------------|--------|
| Operational Temperature | -40 to +80 °C  |        |
| Storage Temperature     | -45 to +85 °C  |        |

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*Professional manufacturer of  
passive microwave components*

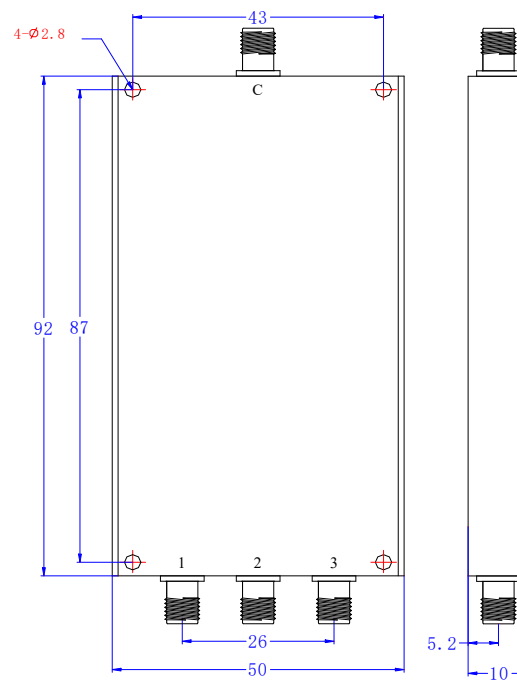
DN: CN00128-June./16th/2020

Technical Specifications

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



**CONCEPT**



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