



1. Feature

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

Power Divider

Part No: CPD01000M12400A08

Date: Feb.12th.2020

Revision No: Preliminary

2. Electrical Specifications

| Parameter | Specification | Remark |
|-------------------|---------------------------------|--------|
| Frequency Range | 1000-12400MHz | |
| Insertion loss | ≤3.5dB | |
| VSWR | ≤1.80 (Input) ≤1.50 (Output) | |
| Amplitude Balance | ≤±0.8dB | |
| Phase Balance | ≤±10degree | |
| Isolation | ≥15dB | |
| Average Power | 20W (Forward) 1W (Reverse) | |
| Impedance | 50Ω | |

3. Mechanical Specifications

| Parameter | Specifications | Remark |
|----------------|--------------------|--------|
| Dimensions | 136.0x100.0x10.0mm | |
| 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*

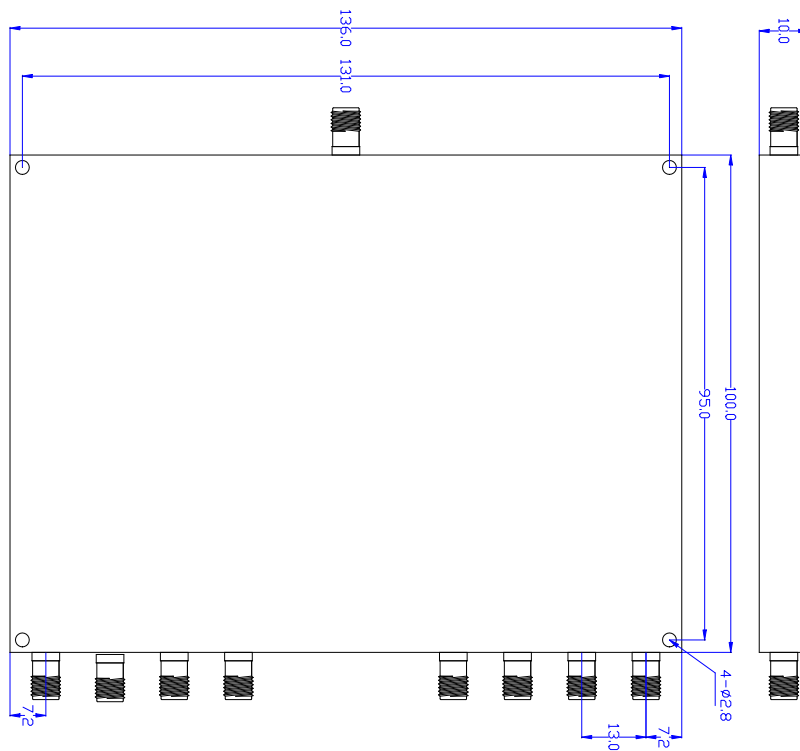
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Technical Specifications

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



CONCEPT



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