



1. Feature

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

Directional Coupler

Part No: CDC00500M06000A20

Date: Feb.21th.2019

Revision No: Preliminary

2. Electrical Specifications

| Parameter | Specification | Remark |
|----------------------|---------------|--------|
| Frequency Range | 500-8000MHz | |
| Nominal Coupling | 20±1dB | |
| Coupling Sensitivity | ≤±0.8dB | |
| Insertion Loss | ≤0.7dB | |
| VSWR | ≤1.20 | |
| Directivity | ≥18dB | |
| Forward Power | 50W | |
| Impedance | 50Ω | |

3. Mechanical Specifications

| Parameter | Specifications | Remark |
|----------------|-------------------|--------|
| Dimensions | 113.0x15.0x11.0mm | |
| Connector Type | SMA- female | |
| Surface Finish | Grey Painting | |

4. Temperature Specifications

| Parameter | Specifications | Remark |
|-------------------------|----------------|--------|
| Operational Temperature | -40 to +80 °C | |
| Storage Temperature | -55 to +85 °C | |

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



CONCEPT

