



## 1. Feature

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

Directional Coupler

Part No: CDC27000M32000A20

Date: May.8<sup>th</sup>.2019

Revision No: Preliminary

## 2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	27000-32000MHz	
Nominal Coupling	20±1.0dB	
Coupling Sensitivity	±1.0dB	
Insertion Loss	≤1.20dB	
VSWR	≤1.50	
Directivity	≥12dB	
Forward Power	20W	
Impedance	50Ω	

## 3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	28.0x15.0x11.0mm	
Connector Type	2.92-female	
Surface Finish	Grey Painting	
Body Material	Aluminium	

## 4. Temperature Specifications

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

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

