

## 1. Feature

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

Power Divider

Part No: CPD00500M04000A02

Date: Jan.21<sup>th</sup>.2019

Revision No: Preliminary

## 2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	500-4000MHz	
Insertion Loss	≤0.7dB	
VSWR	≤1.30	
Amplitude Balance	≤±0.2dB	
Phase Balance	≤±2degree	
Isolation	≥20dB	
Average Power	30W (Divider) 1W (Combiner)	
Impedance	50Ω	

## 3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	52.0x32.0x10.0mm	
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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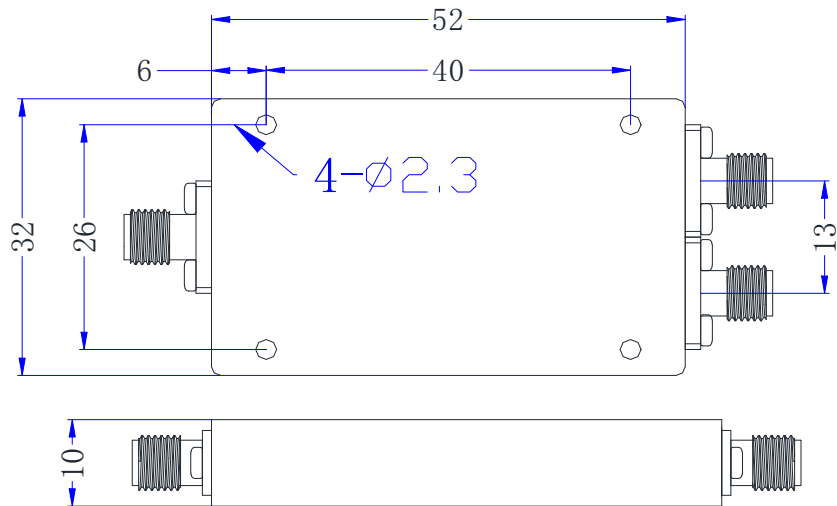
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5. Outline Drawing ( $\pm 0.3\text{mm}$ )



CONCEPT





## 6.Test Curves

### VSWR , Insertion Loss , AMP/Phase Balance





## Isolation

