



## 1. Feature

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

Power Divider

Part No: CPD02000M08000A03

Date: March.12<sup>th</sup>.2018

Revision No: Preliminary

## 2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	2000-8000MHz	
Insertion loss	≤1.0dB	
VSWR	≤1.40 (Input) ≤1.30 (Output)	
Amplitude Balance	≤±0.6dB	
Phase Balance	≤±4degree	
Isolation	≥18dB	
Average Power	30W ( Forward ) 1W (Reverse)	
Impedance	50Ω	

## 3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	66.5x37.5x10.0mm	
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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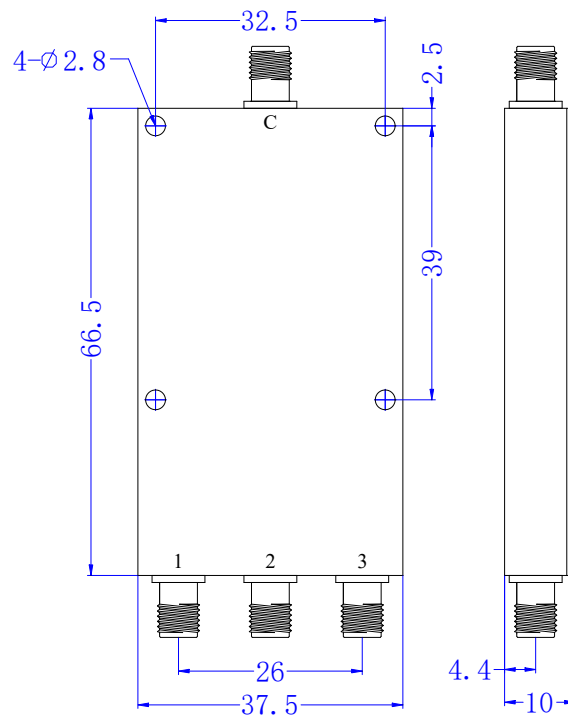
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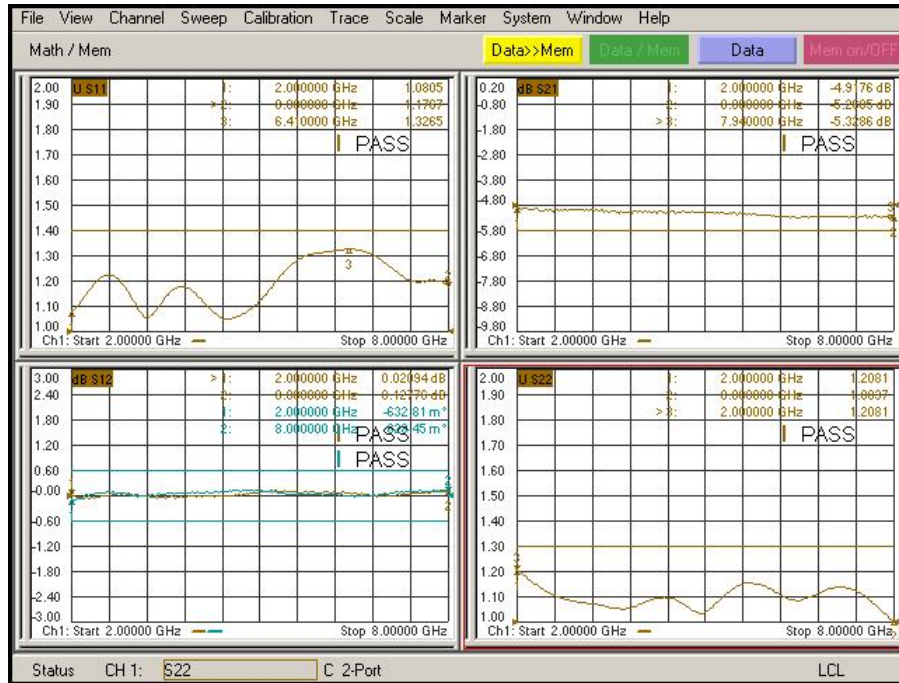
**5. Outline Drawing ( $\pm 0.3\text{mm}$ )**



## 6. Test Curves



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



### Isolation

