



1. Feature

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

Power Divider

Part No: CPD01000M04000A02

Date: Jan.18th.2017

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	1000-4000MHz	
Insertion loss	≤0.5dB	
VSWR	≤1.30 (Input) ≤1.20 (Output)	
Amplitude Balance	≤±0.3dB	
Phase Balance	≤±2degree	
Isolation	≥20dB	
Average Power	30W (Forward) 1W (Reverse)	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	28.0x28.0x10.0mm	
Connector Type	SMA-female	
Surface Finish	Grey Painting	

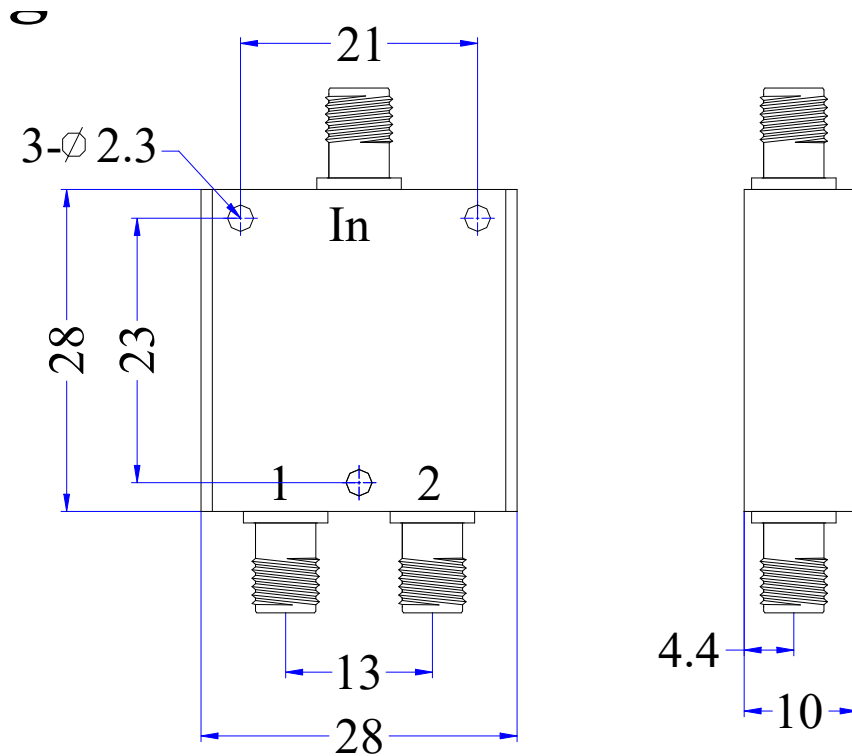
4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-40 to +80 °C	
Storage Temperature	-45 to +85 °C	

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



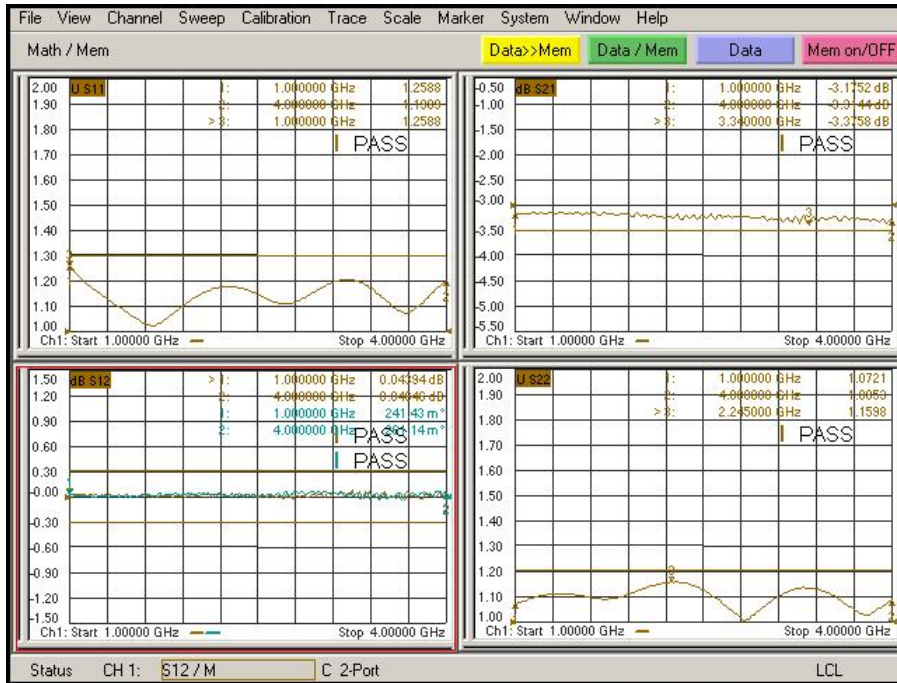
CONCEPT



6. Test Curve



VSWR , I.L , Amplitude , Phase Balance



Isolation

