

1. Feature

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

Power Divider

Part No: CPD00500M06000A04

Date: Feb.12th.2018

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	500-6000MHz	
Insertion loss	$\leq 1.5\text{dB}$	
VSWR	≤ 1.40 (Input) ≤ 1.30 (Output)	
Amplitude Balance	$\leq \pm 0.5\text{dB}$	
Phase Balance	$\leq \pm 5\text{degree}$	
Isolation	$\geq 20\text{dB}$	
Average Power	20W (Forward) 1W (Reverse)	
Impedance	50 Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	86.0x60.0x10.0mm	
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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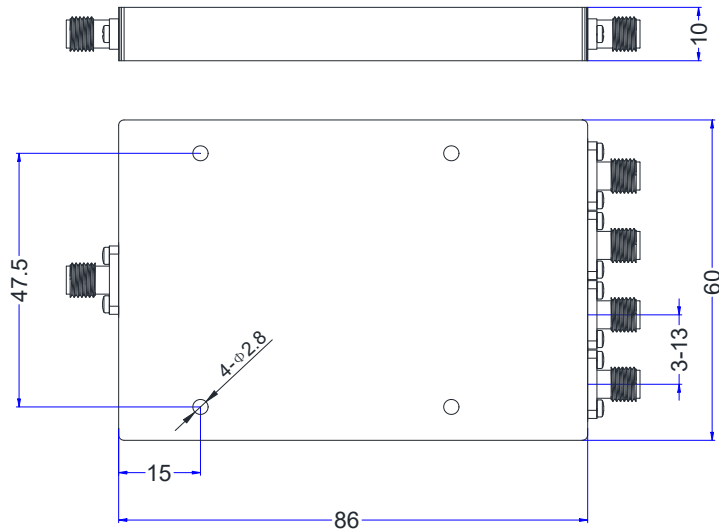
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5. Outline Drawing ($\pm 0.3\text{mm}$)

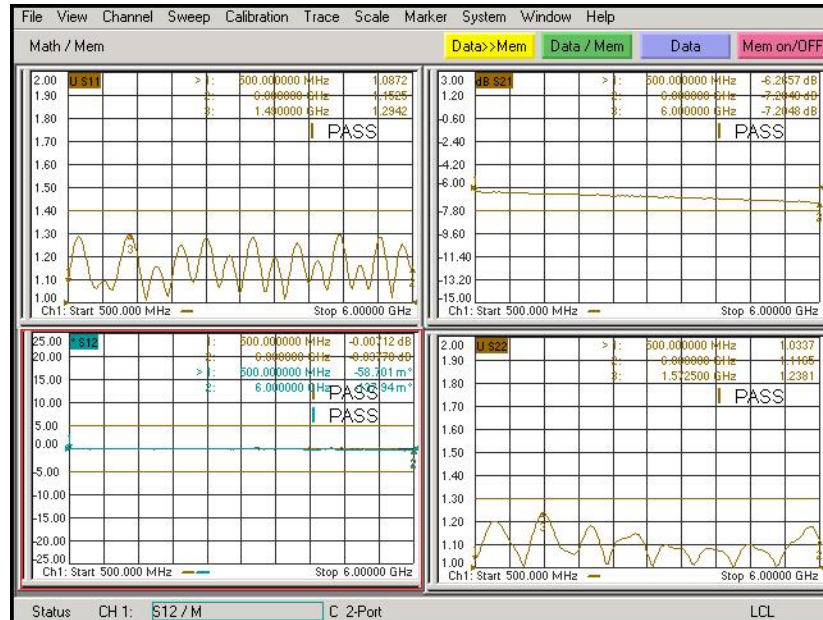


6. Test Curve



CONCEPT

VSWR , I.L , Amplitude , Phase Balance



Isolation

