



1. Feature

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

Power Divider

Part No: CPD00500M08000A08

Date: April.12th.2018

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	500-8000MHz	
Insertion loss	≤2.5dB from 0.5-6GHz ≤3.0dB from 6-8GHz	
VSWR	≤1.50 (Input) ≤1.40 (Output)	
Amplitude Balance	≤±0.5dB	
Phase Balance	≤±5degree	
Isolation	≥18dB	
Average Power	20W (Forward) 1W (Reverse)	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	114.5x114.0x10.0mm	
Connector Type	SMA-female	
Surface Finish	Grey Painting	

4. Temperature Specifications

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

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Professional manufacturer of
passive microwave components

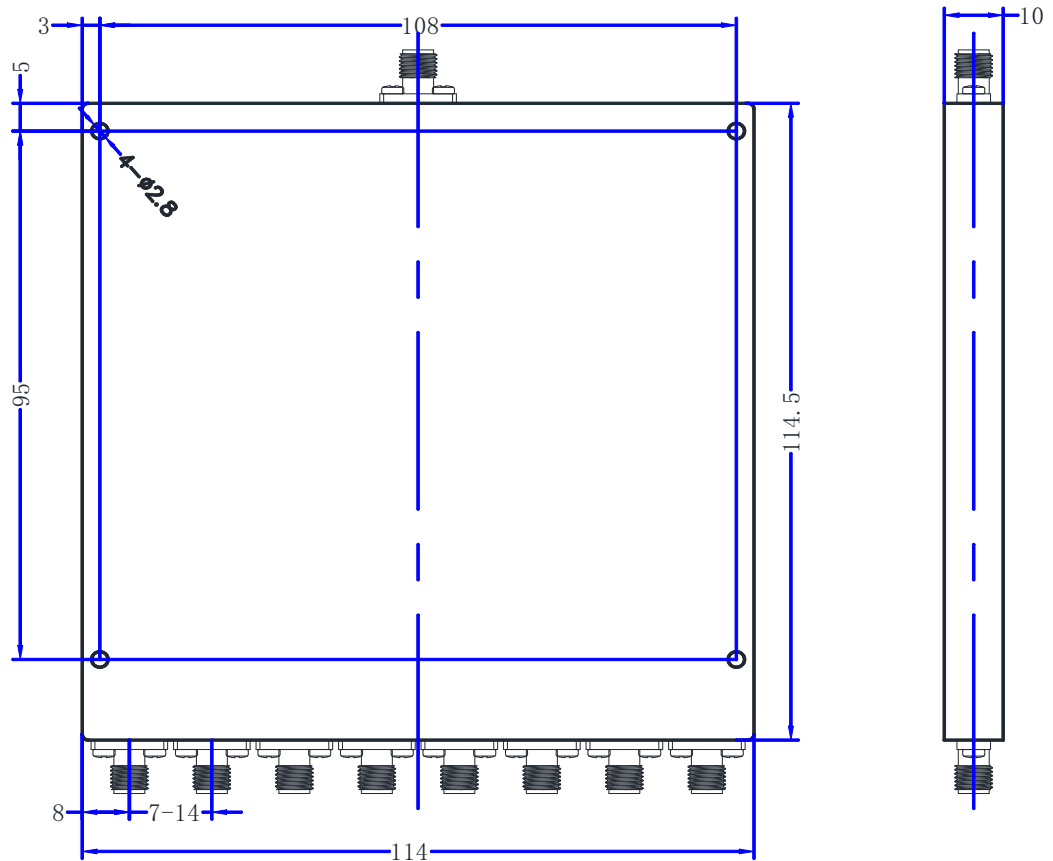
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Technical Specifications

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



CONCEPT



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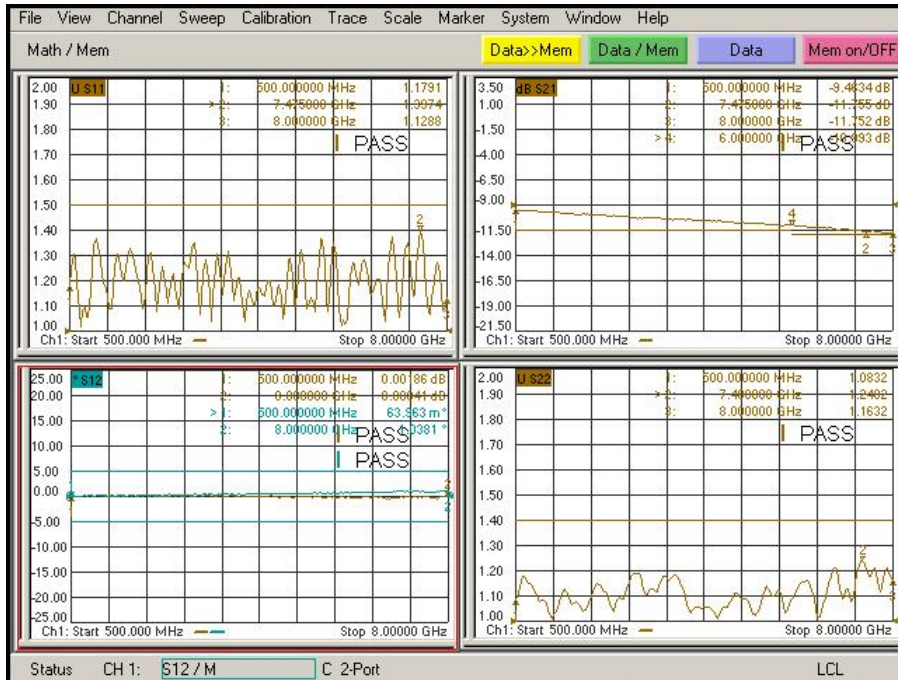
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VSWR , I.L , Amplitude , Phase Balance



Isolation

