



1. Feature

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

Power Divider

Part No: CPD00500M06000A10

Date: Sep.27th.2021

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	500-6000MHz	
Insertion loss	≤3.0dB (Exclusive 10.0dB Split Loss)	
VSWR	≤2.00	
Amplitude Balance	±1.0dB	
Phase Balance	±10degree	
Isolation	≥15dB@500-700MHz ≥18dB@700-6000MHz	
Average Power	20W (Forward) 2W (Reverse)	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	133.0x113.0x10.0mm	
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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Page 1 of 3

*Professional manufacturer of
passive microwave components*

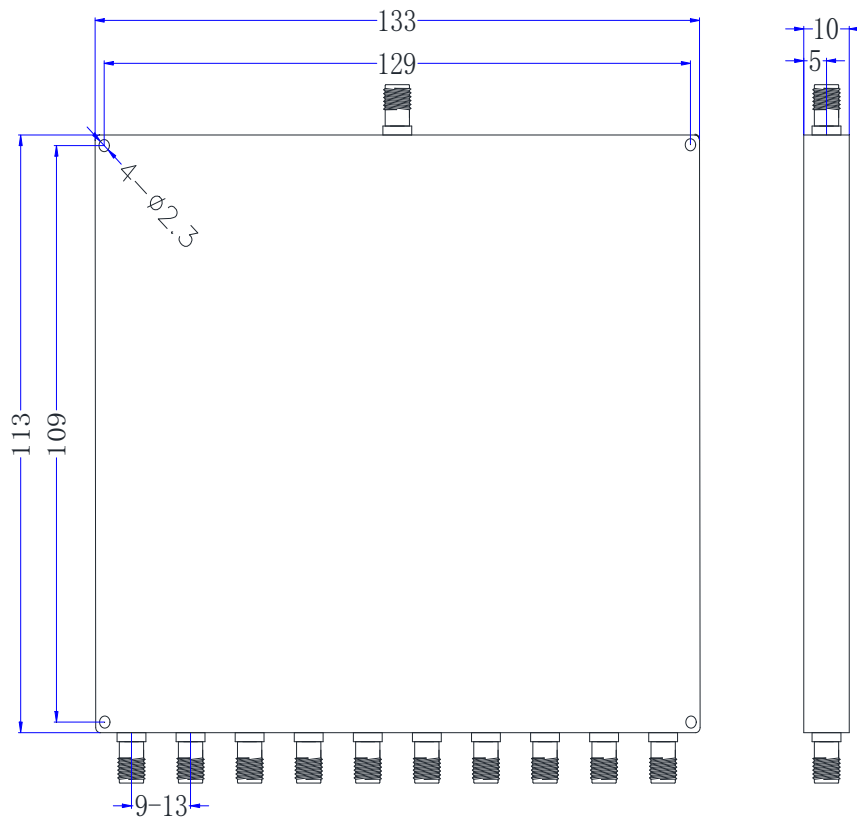
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Technical Specifications

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



CONCEPT



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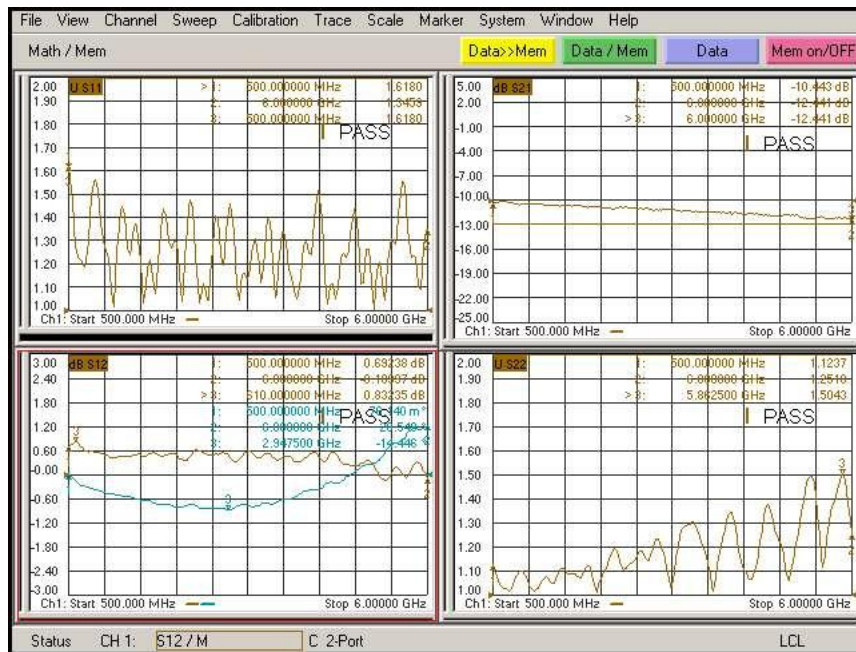
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Page 2 of 3

6. Test Curve



VSWR , Insertion Loss , AMP/Phase Balance



Isolation

