

1. Feature

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

Power Divider

Part No: CPD01000M18000A04

Date: May.16th.2018

Revision No: A1

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	1000-18000MHz	
Insertion loss	≤2.5dB	
VSWR	≤1.55 (Input) ≤1.50 (Output)	
Amplitude Balance	≤±0.4dB	
Phase Balance	≤±5degree	
Isolation	≥16dB	
Average Power	20W (Forward)	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	99.0x71.0x10.0mm	
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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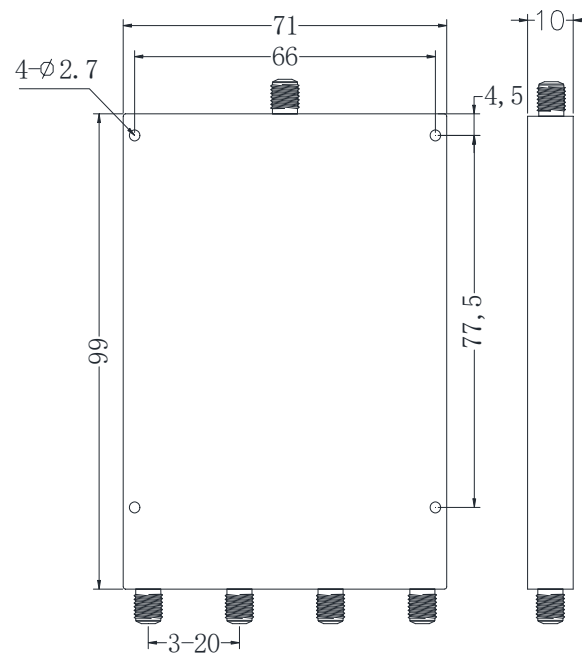
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5. Outline Drawing ($\pm 0.3\text{mm}$)

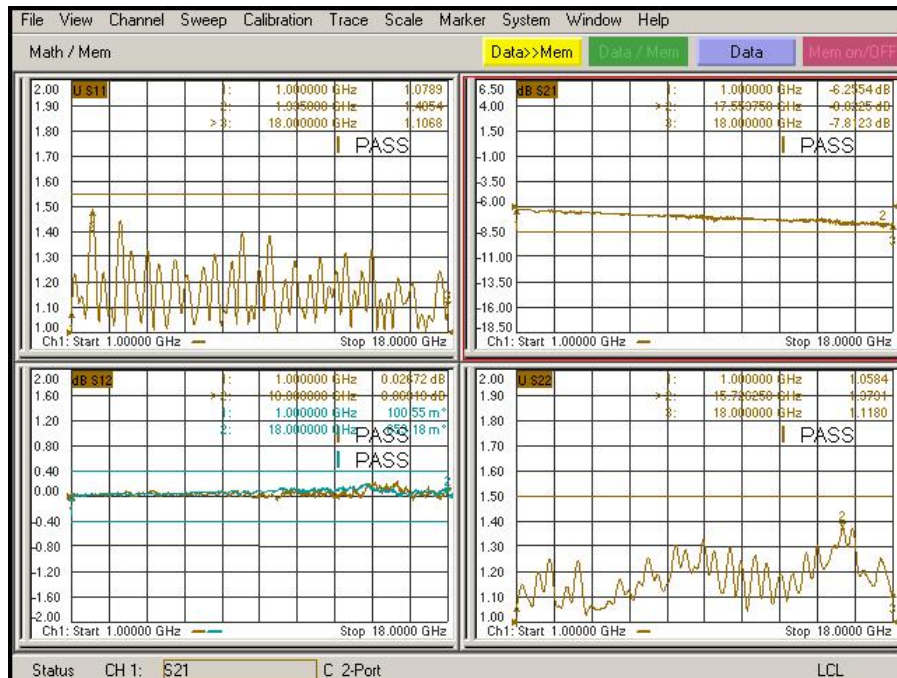


6. Test Curve



CONCEPT

VSWR , I.L , Amplitude , Phase Balance



Isolation

