

1. Feature

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

Power Divider

Part No: CPD00500M08000A04

Date: March.15th.2018

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	500-8000MHz	
Insertion loss	≤1.6dB from 0.5-6GHz ≤2.0dB from 6-8GHz	
VSWR	≤1.50 (Input) II ≤1.40 (Output)	
Amplitude Balance	±0.5dB	
Phase Balance	±5degree	
Isolation	≥18dB	
Average Power	30W (Forward) 1W (Reverse)	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	86.0x57.5.0x10.0mm	
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	

成都康普信源科技有限公司

Chengdu Concept Microwave Technology CO.,Ltd

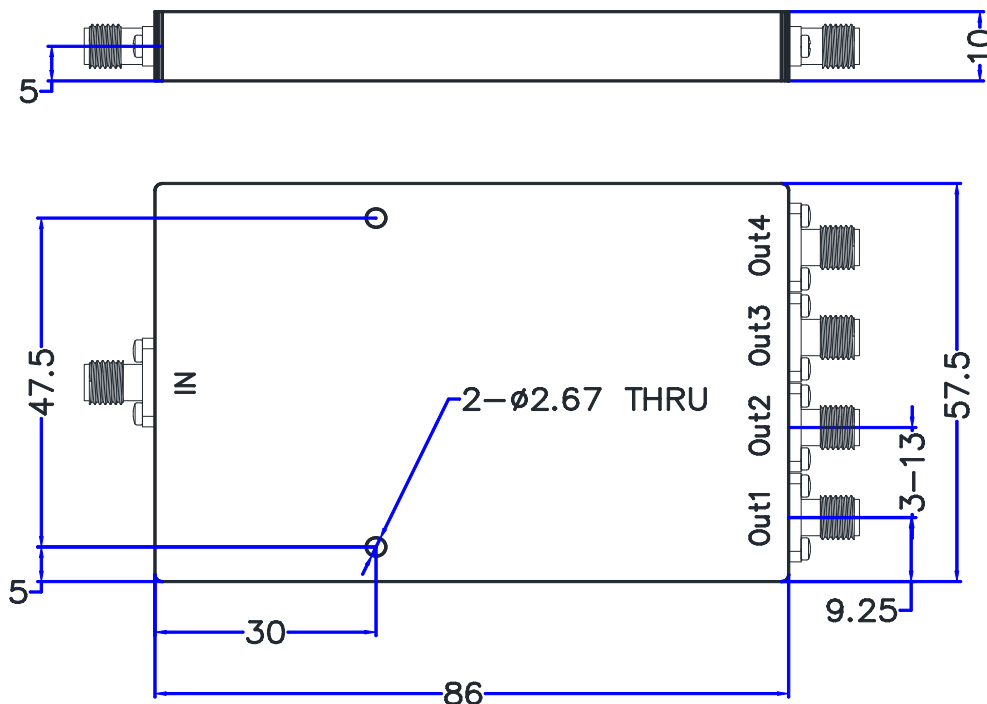
No.666 ,Jinfenghuang Road , CREC Industrial Park , Jinniu District , Chengdu , China

E-mail: sales@concept-mw.com

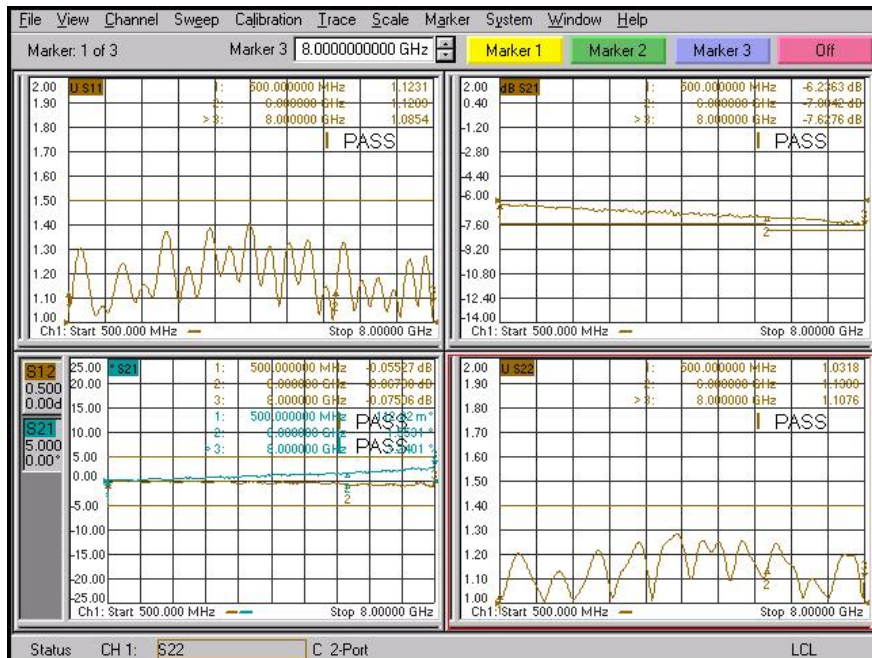
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5. Outline Drawing ($\pm 0.3\text{mm}$)



VSWR , I.L , Amplitude , Phase Balance



Isolation

