

**Professional manufacturer of
passive microwave components**

DN: CN0343-Dec./13th/2023

Technical Specifications

1. Feature

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

Diplexer

Part No: CDU08500M10700A01

Date: Dec.12th.2023

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification		Remark
	Low	High	
Frequency Range	DC-8500MHz	10700-14000MHz	
Insertion Loss	≤1.5dB	≤1.5dB	
Return Loss	≥11dB	≥11dB	
Rejection	≥30dB@10700-14000MHz	≥30dB@DC-8500MHz	
Power	5W	5W	
Impedance	50 OHMS		

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-25 to +65°C	
Storage Temperature	-45°C to +85°C	
Application Environment	Indoor Application	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	33.0x30.0x12.0mm (Exclusive the connectors and tuning screws)	
Connector Type	SMA-female	
Surface Finish	Black Painting	

成都康普信源科技有限公司

Chengdu Concept Microwave Technology CO.,Ltd

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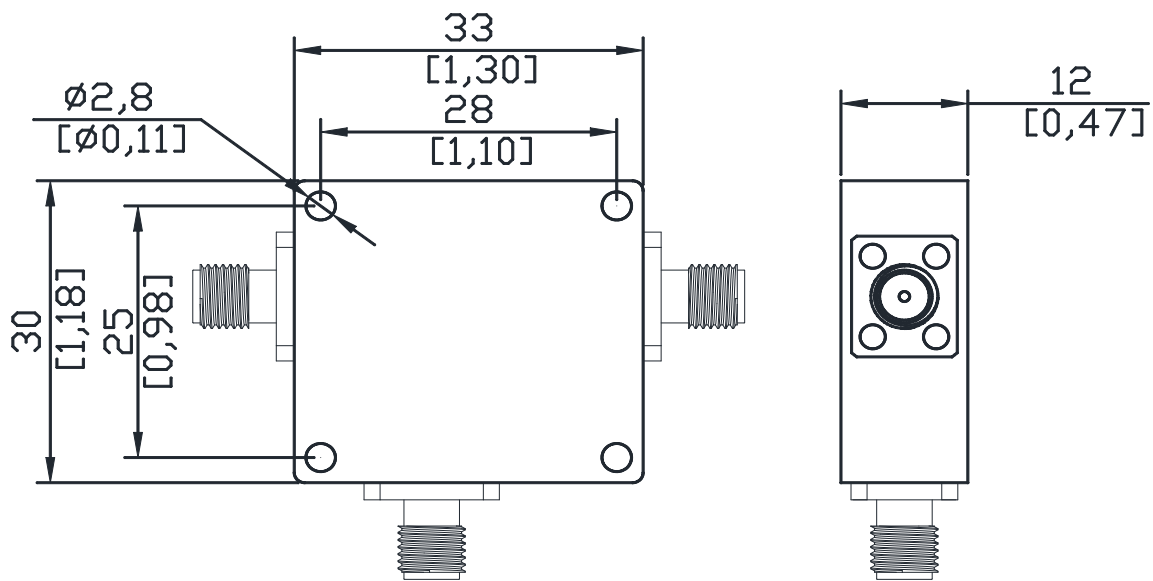
<http://www.concept-mw.com>

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5. Outline Drawing ($\pm 0.5\text{mm}$)



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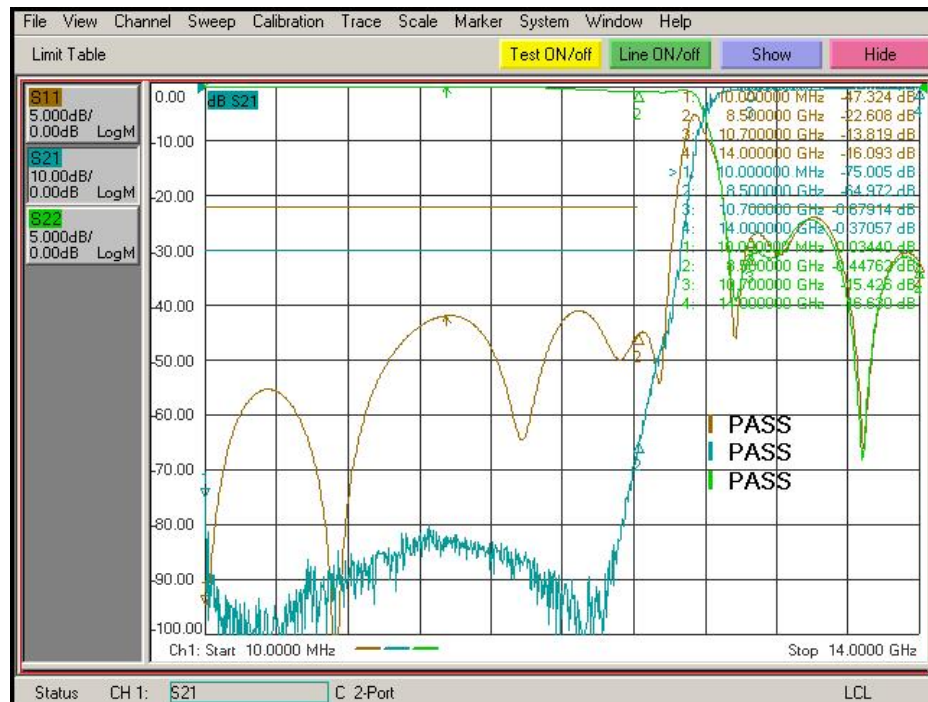
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6. Test Curves



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