

**Professional manufacturer of
passive microwave components**

DN: CN0135-July./15th/2025

Technical Specifications

1. Feature

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

Cavity Diplexer

Part No: CDU00040M01500A01

Date: July.15th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification		Remark
	Low Band	High Band	
Frequency Range	DC-40MHz	1500-6000MHz	
Insertion Loss	≤2.0dB	≤2.0dB	
VSWR	≤1.8	≤1.8	
Rejection	≥55dB@1500-6000MHz	≥55dB@DC-40MHz	
Power	30W (Pulses 20-30us, duty cycle 20%)	30W (Pulses 20-30us, duty cycle 20%)	
Impedance	50 OHMS		

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-20 to +70℃	
Storage Temperature	-45℃ to +85℃	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	65.0x60.0x13.0mm (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

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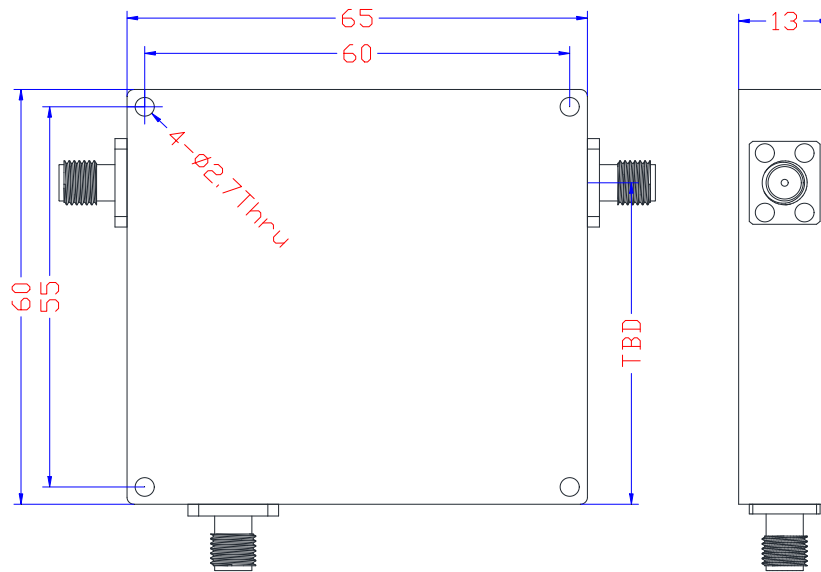
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5. Outline Drawing ($\pm 0.5\text{mm}$)



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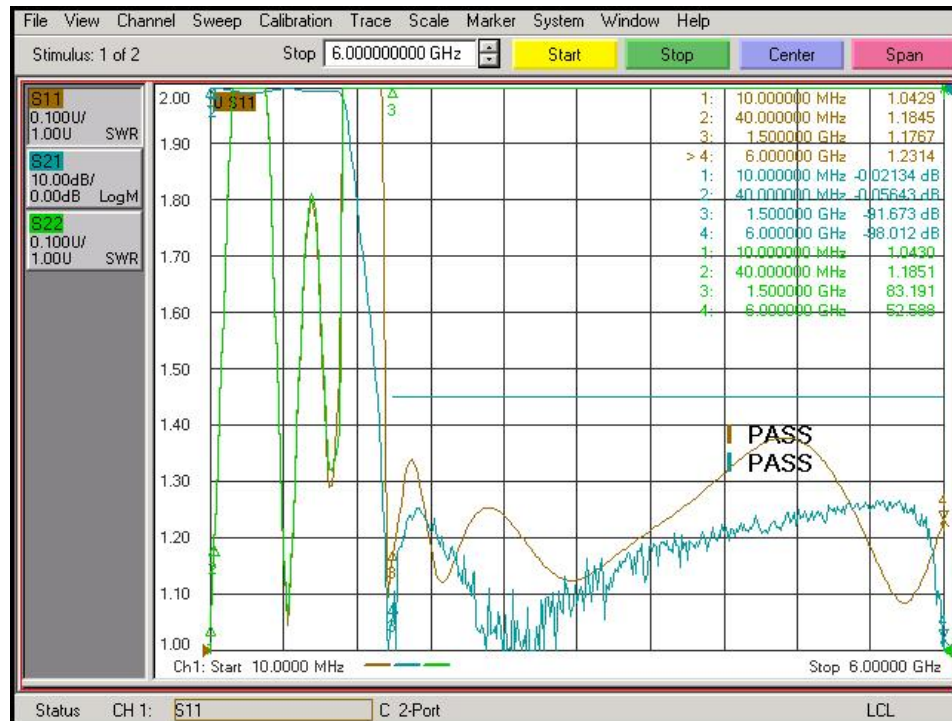
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6. Test Curve



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