

**Professional manufacturer of
passive microwave components**

DN: CN0065-March./2th/2022

Technical Specifications

1. Feature

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

Cavity Diplexer

Part No: CDU00836M00881A01

Date: March.2th.2022

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification		Remark
	Low Band	High Band	
Passband	824-849MHz	869-894MHz	
Insertion Loss	≤1.0dB	≤1.0dB	
Rippled in Band	≤±0.6dB	≤±0.6dB	
VSWR	≤1.3	≤1.3	
Rejection	≥70dB@869-894MHz	≥70dB@824-849MHz	
Power	≤20W		
Impedance	50 OHMS		

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	Values at Room Temperature	
Application Environment	Indoor	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	128x118x38mm (Not including the tuning screws and connectors)	
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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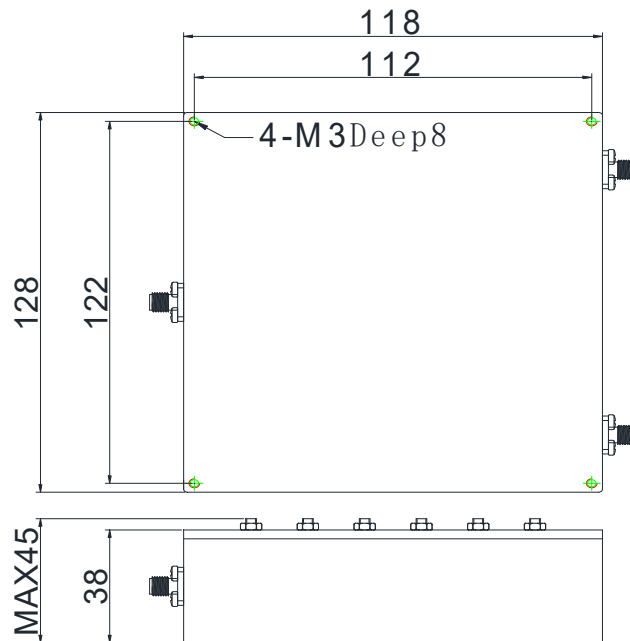
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5. Outline Drawing ($\pm 0.3\text{mm}$)



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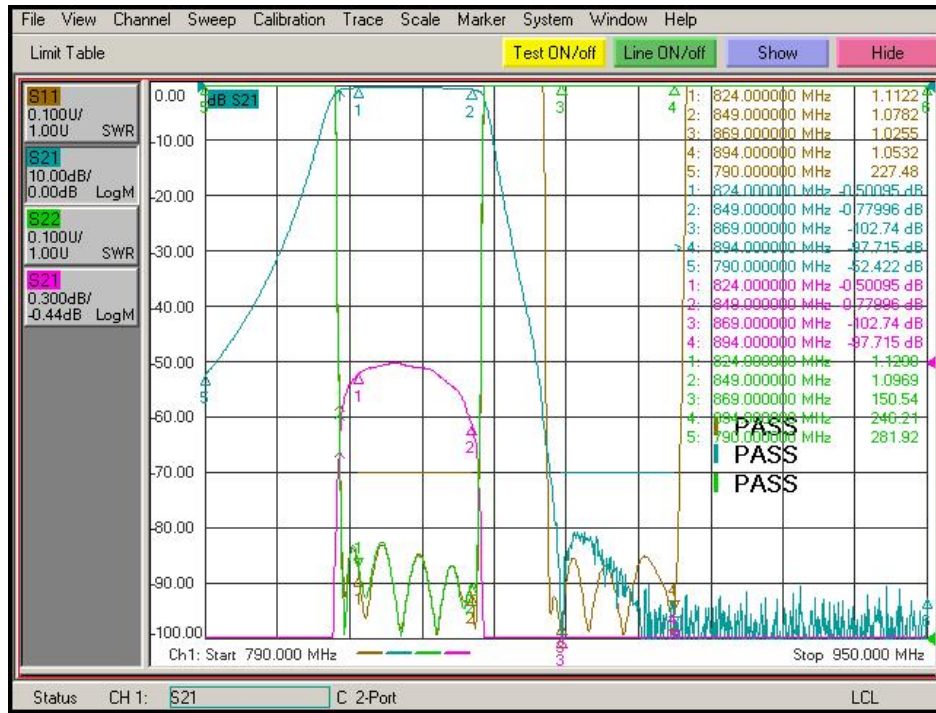
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6. Test Report

Low Band



High Band

