

*Professional manufacturer of
passive microwave components*

DN: CN0106-May./15th/2025

Technical Specifications

1. Feature

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

Cavity Diplexer

Part No: CDU03570M03800Q08A

Date: May.15th.2025

Revision No: A2

2. Electrical Specifications

Parameter	Specification		Remark
	Low Band	High Band	
Frequency Range	3570-3600MHz	3630-3800MHz	
Insertion Loss	≤2.0dB	≤2.0dB	
Return Loss	≥14dB	≥14dB	
Rejection	≥40dB@DC-3540MHz ≥20dB@3615-3630MHz ≥40dB@3630-4000MHz	≥40dB@DC-3600MHz ≥20dB@3600-3615MHz ≥40dB@3840-4000MHz	
Power	20W		
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	105.0x90.0x20.0mm	
Connector Type	SMA-female	
Surface Finish	Black Painting	

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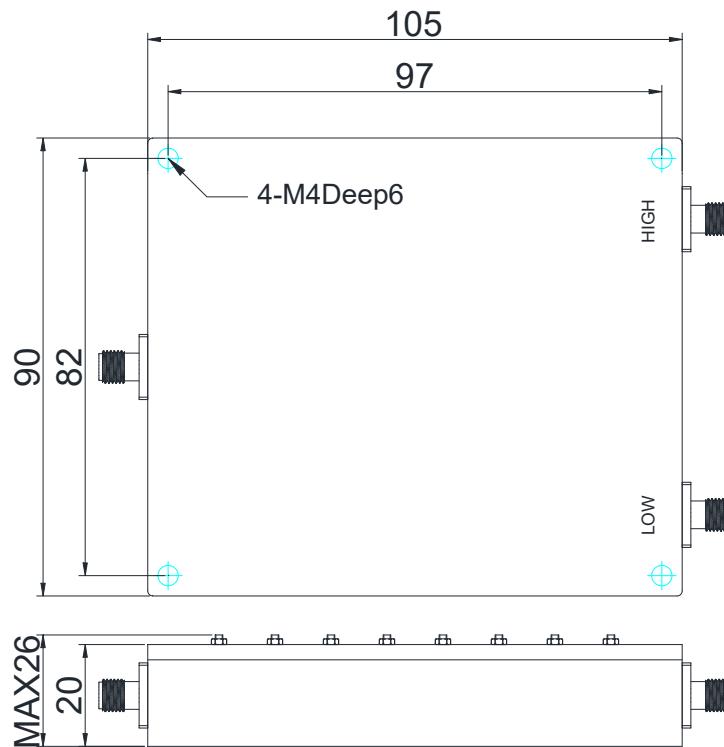
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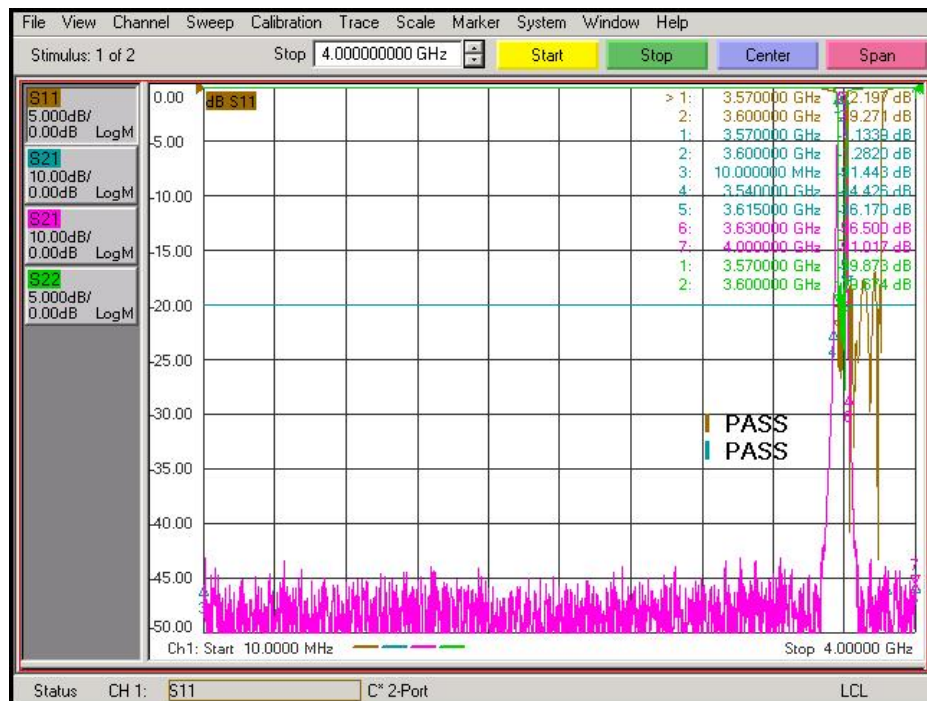
Technical Specifications

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



6. Test Curve

Low Band



High Band

