

**Professional manufacturer of
passive microwave components**

DN: CN0022-Jan./25th/2025

Technical Specifications

1. Feature

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

Cavity Diplexer

Part No: CDU03400M03800Q08A1

Date: Jan.25th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification		Remark
	Low Band	High Band	
Frequency Range	3400-3590MHz	3630-3800MHz	
Insertion Loss	≤2.0dB	≤2.0dB	
Return Loss	≥14dB	≥14dB	
Rejection	≥40dB@DC-3360MHz ≥20dB@3610-3630MHz ≥40dB@3630-4000MHz	≥40dB@DC-3590MHz ≥20dB@3590-3610MHz ≥40dB@3840-4000MHz	
Power	20W		
Impedance	50 OHMS		

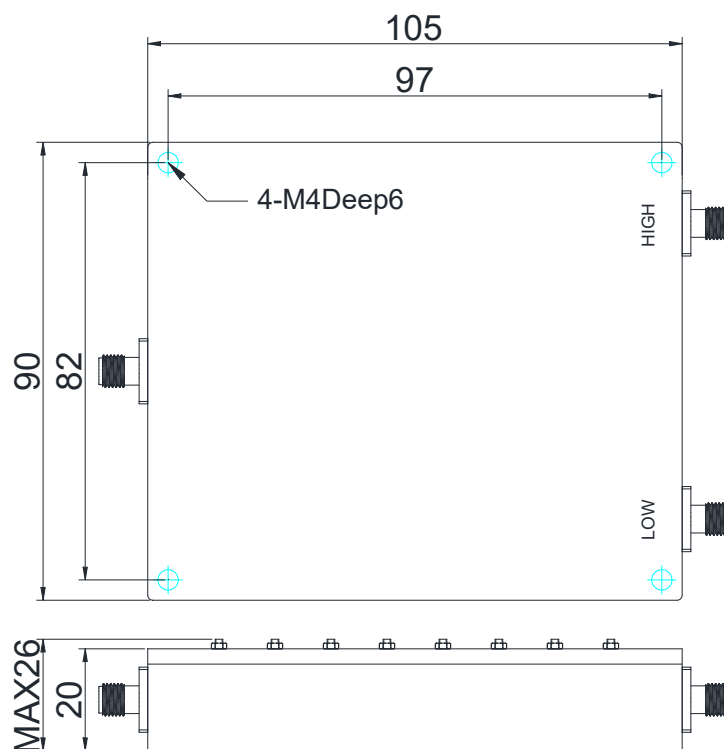
3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	0 to +60°C	
Storage Temperature	-45 to +85°C	

4. Mechanical Specifications

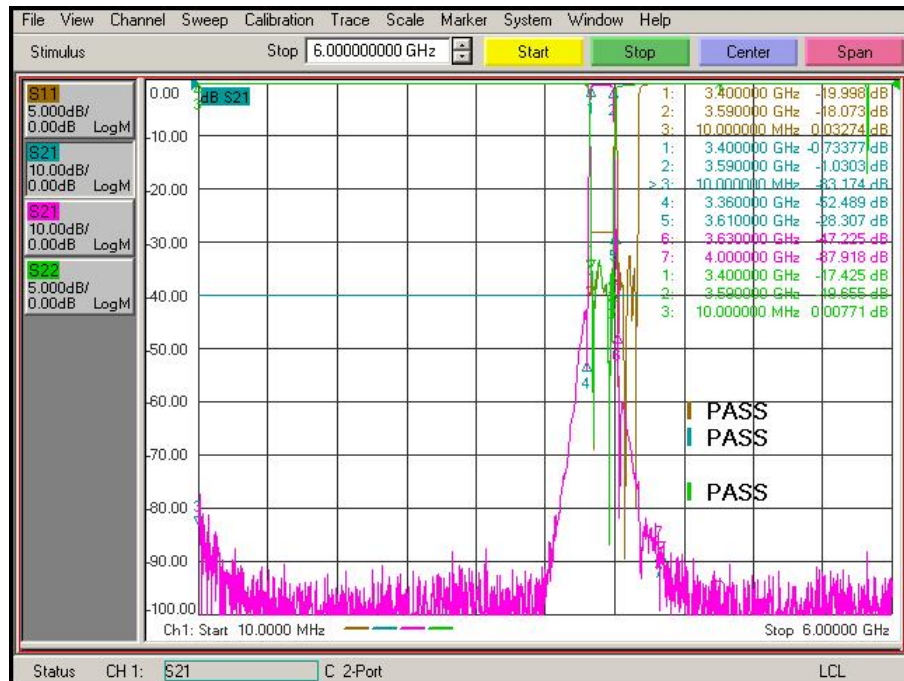
Parameter	Specifications	Remark
Dimensions	105.0x90.0x20.0mm	
Connector Type	SMA-female	
Surface Finish	Black Painting	

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



6. Test Curve

Low Band



High Band

