



1. Feature

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

Diplexer

Part No: CDU04000M04600A02

Date: Sep. 28th. 2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specifications	
Frequency range	Low	High
	DC~4GHz	4.6GHz~12GHz
Insertion loss	≤2.0dB	≤2.0dB
VSWR	≤2.0	≤2.0
Rejection	≥70dB@4.6GHz~12GHz	≥70dB@DC~4GHz
Power	≤25W	
Impedance	50 Ω	

3. Environmental Specifications

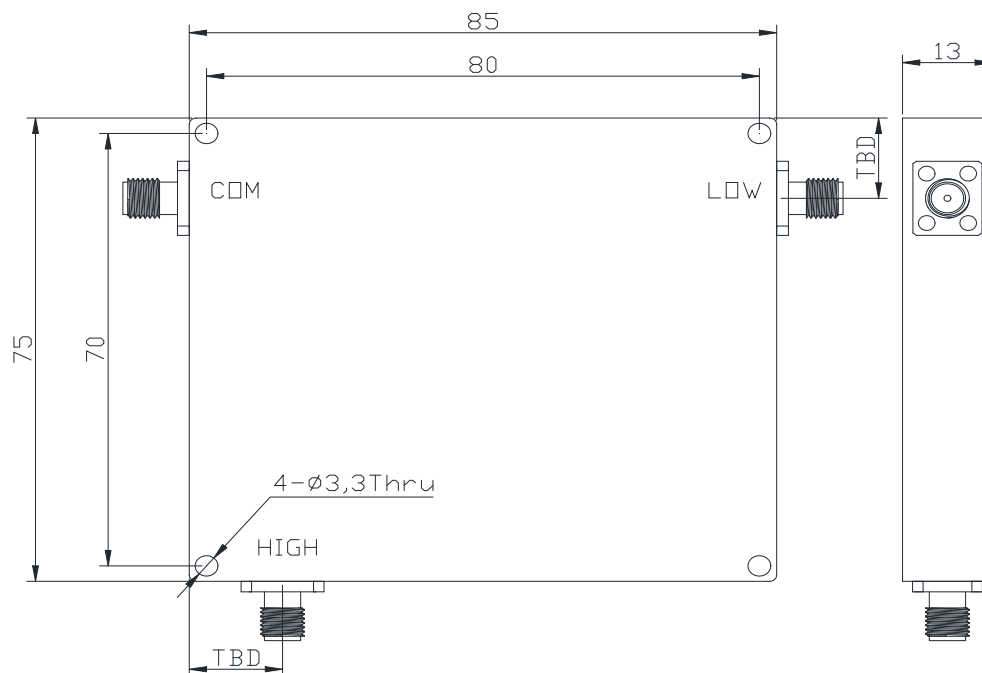
Parameter	Specifications	Remark
Operating Temperature	-20 to + 70 °C	
Storage Temperature	-45 to +85 °C	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	85x75x13mm	
Connector Type	SMA-female	
Surface Finish	Black Painting	



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

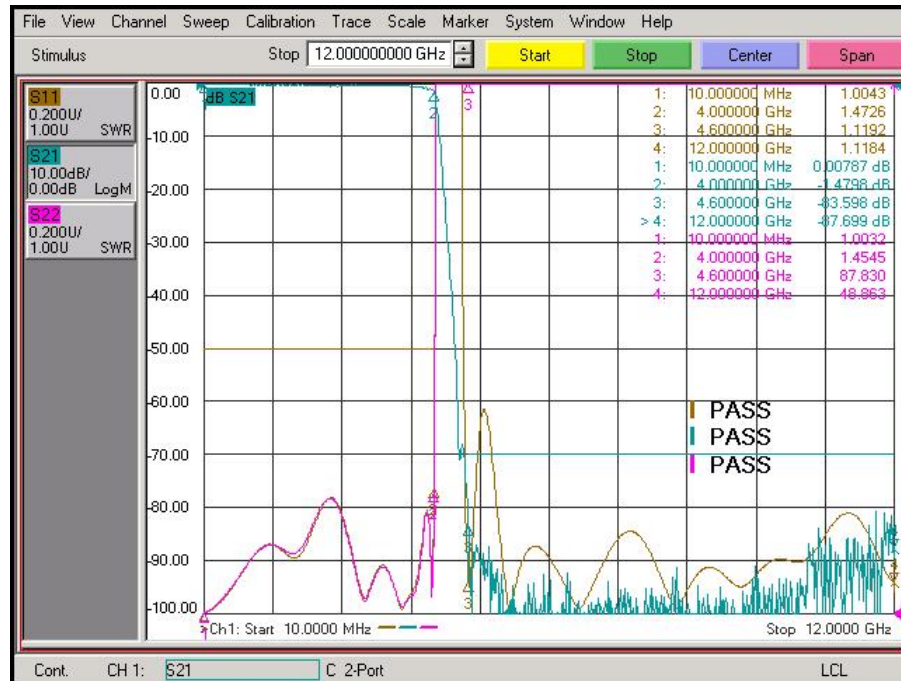


6. Test Curve

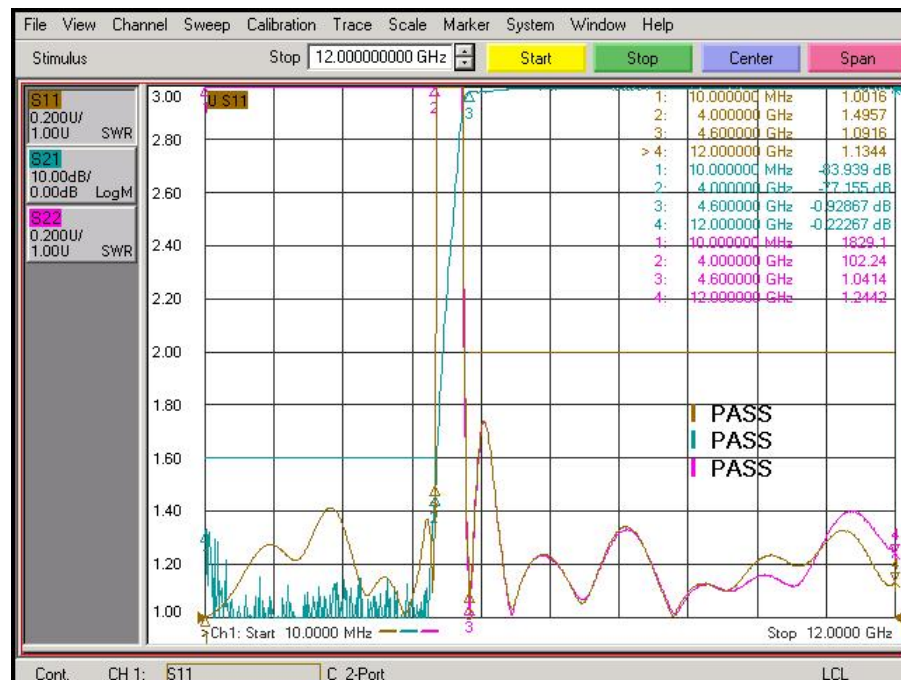


CONCEPT

Low



High



***Professional manufacturer of
passive microwave components***

DN: CN0346-Sep./26th/2025

Technical Specifications

