

1. Feature

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

Diplexer

Part No: CDU05000M05750A02

Date: Sep. 28th. 2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specifications	
Frequency range	Low	High
	DC~5GHz	5.75GHz~15GHz
Insertion loss	≤2.0dB	≤2.0dB
VSWR	≤2.0	≤2.0
Rejection	≥70dB@5.75GHz~15GHz	≥70dB@DC~5GHz
Power	≤25W	
Impedance	50 Ω	

3. Environmental Specifications

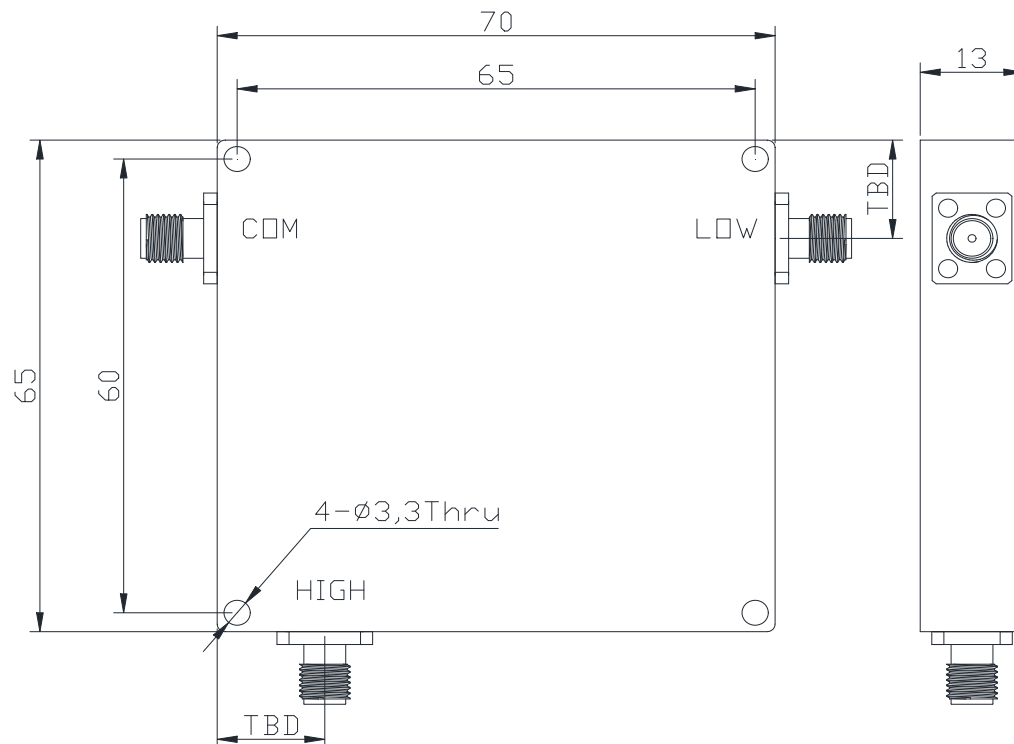
Parameter	Specifications	Remark
Operating Temperature	-20 to + 70 °C	
Storage Temperature	-45 to +85 °C	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	70x65x13mm	
Connector Type	SMA-female	
Surface Finish	Black Painting	



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

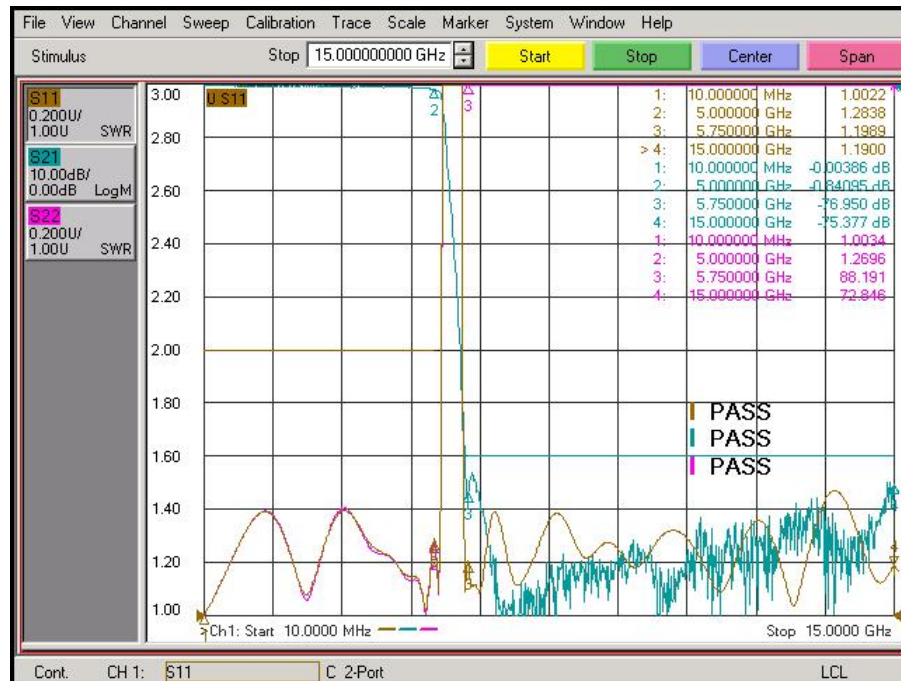


6. Test Curve



CONCEPT

Low



High

