

1. Feature

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

Diplexer

Part No: CDU01710M01880Q08A

Date: Jul.21th.2025

Revision No: A1

2. Electrical Specifications

Parameter	Specifications	
Frequency range	Low	High
	1710-1785MHz	1805-1880MHz
Insertion loss	$\leq 1.0\text{dB}$	$\leq 1.0\text{dB}$
VSWR	≤ 1.20	≤ 1.40
Rejection	$\geq 60\text{dB}@1805-1880\text{MHz}$	$\geq 60\text{dB}@1710-1785\text{MHz}$
Power	$\leq 50\text{W}$	
Impedance	50ohm	

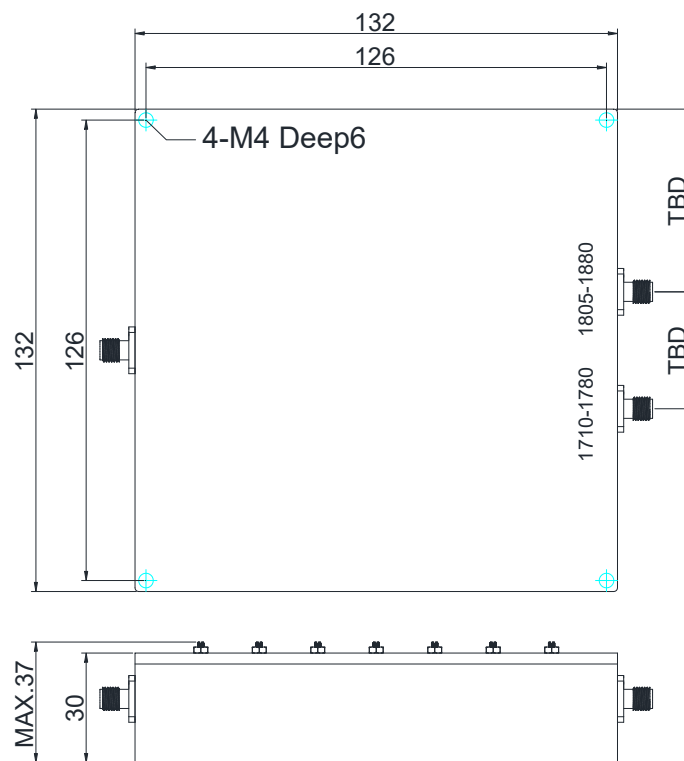
3. Environmental Specifications

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

3.Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	132.0x132.0x30.0mm	
Connector Type	SMA-female	
Surface Finish	Black Painting	

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

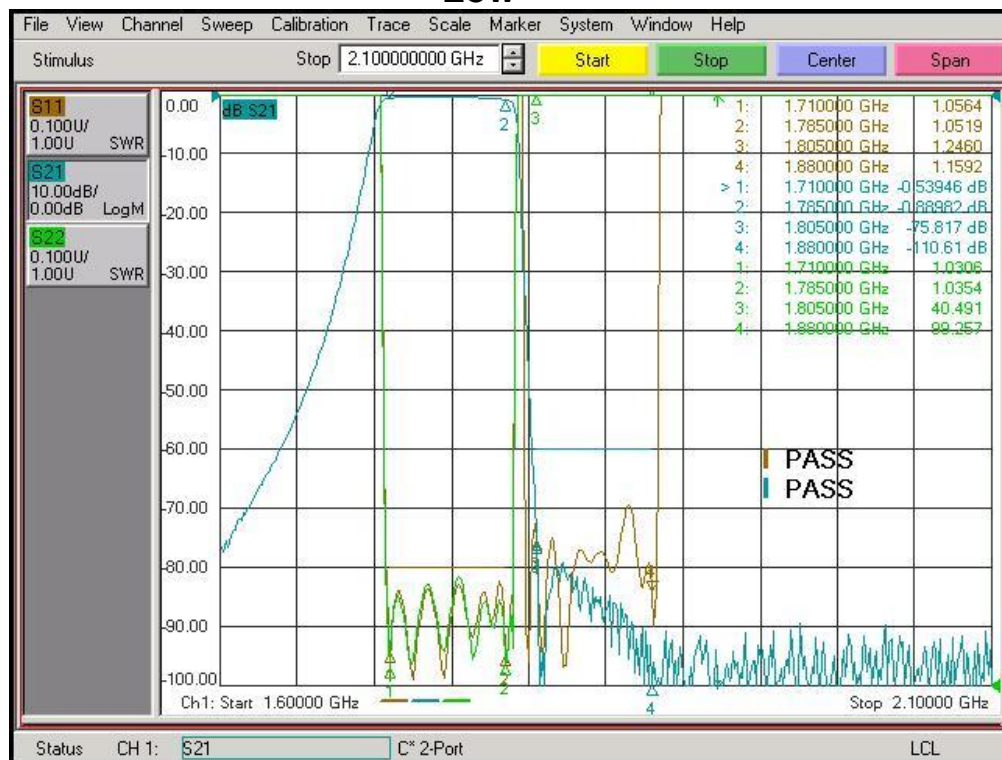


6. Test Curve



CONCEPT

Low



High

