

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/4/30	C. Chen

TECHNICAL DATA

► Electrical Data

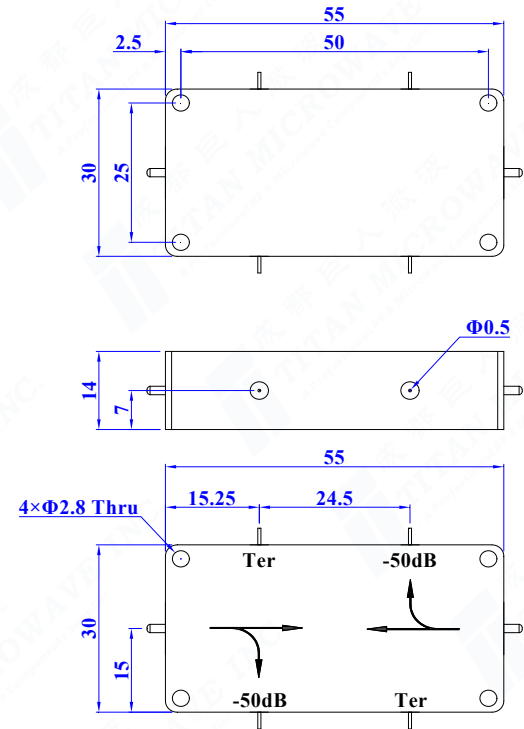
Frequency Range	2.7~3.5GHz
Coupling	50±1.0dB
Coupling Flatness	±0.3dB max
Insertion Loss	0.2dB max
Primary Line VSWR	1.3:1 max
Coupled Line VSWR	1.4:1 max
Isolation	18dB min
Impedance	50 Ohms
Primary Line Power	600W(CW)

► Mechanical Data

Primary Line Connectors	Φ1.5mm Pin
Coupled Connectors	Φ0.5mm Pin
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	55×30×14mm

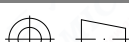
► Environmental Data

Operating Temperature	-40℃~+60℃
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Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 30/04/25	TITLE: Dual Directional Coupler, 2.7~3.5GHz, 50dB, 600W	 成都巨人微波 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i>			
ENGINEER: J. Zhu 30/04/25					
APPROVED: C. Chen 30/04/25					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
x ±0.50 [0.019"]	PART No.: TDDC-02700350-50-600	 DIMENSIONS IN MILLIMETERS(mm)			
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					
		SIZE: A4	SCALE:	SHEET: 1/1	REV: A