

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

TECHNICAL DATA

► Electrical Data

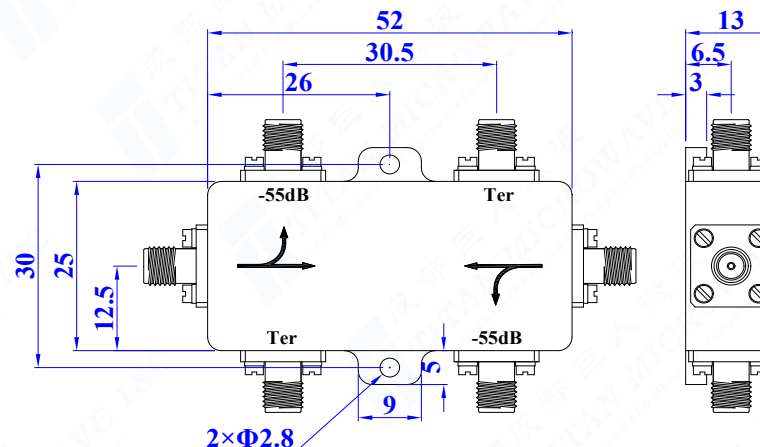
Frequency Range	2~6GHz
Coupling	55±1.0dB
Coupling Flatness	±1.0dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.5:1 max
Directivity	15dB min
Impedance	50 Ohms
Primary Line Power	80W(CW), 650W(Pulse Power)

► Mechanical Data

Primary Line Connectors	SMA-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	52×25×13mm


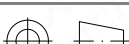
► Environmental Data

Operating Temperature	-55℃~+85℃
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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, 2~6GHz, 55dB, 80W, SMA-Female	<div> 成都巨人微波 TITAN MICROWAVE INC. <small>- A Professional RF & Microwave Components Supplier -</small></div> <div>www.titan-microwave.com</div>			
ENGINEER: J. Zhu 30/04/25					
APPROVED: C. Chen 30/04/25					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
x ±0.50 [0.019"]	PART No.: TDDC-02000600-55S80	<div> DIMENSIONS IN MILLIMETERS(mm)</div>			
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					
		SIZE: A4	SCALE:	SHEET: 1/1	REV: A