

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/24	C. Chen

TECHNICAL DATA

► Electrical Data

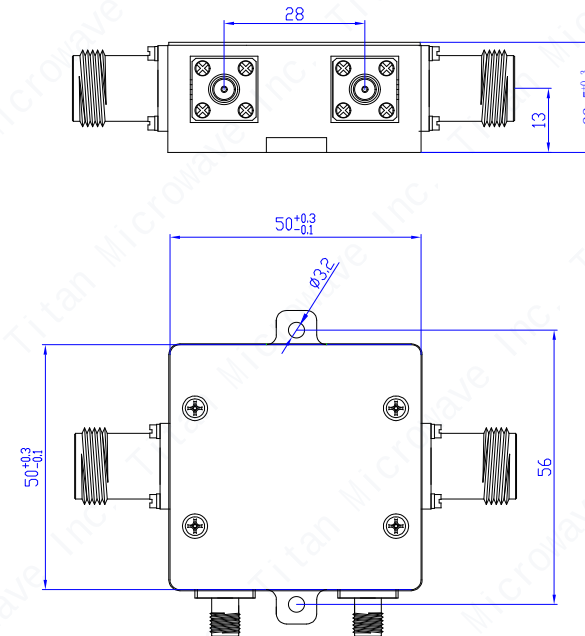
Frequency Range	2000~6000MHz
Nominal Coupling	40±2dB
Insertion Loss	0.6dB max
VSWR	1.3:1 max
Directivity	11.5dB
Impedance	50 Ohms
Power Rating	250W(CW)

► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	SMA-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	50×50×22.5mm

► 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 24/03/25			TITLE: Single Directional Coupler, 2~6GHz Coupling 40dB, 250W N-Female & SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i>			
ENGINEER: J. Zhu 24/03/25				www.titan-microwave.com			
APPROVED: C. Chen 24/03/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	PART No.: TMDC-02000600-40NS250	 DIMENSIONS IN MILLIMETERS(mm)			
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°			SIZE: A4	SCALE:	SHEET: 1/1	REV: A