

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

TECHNICAL DATA

► Electrical Data

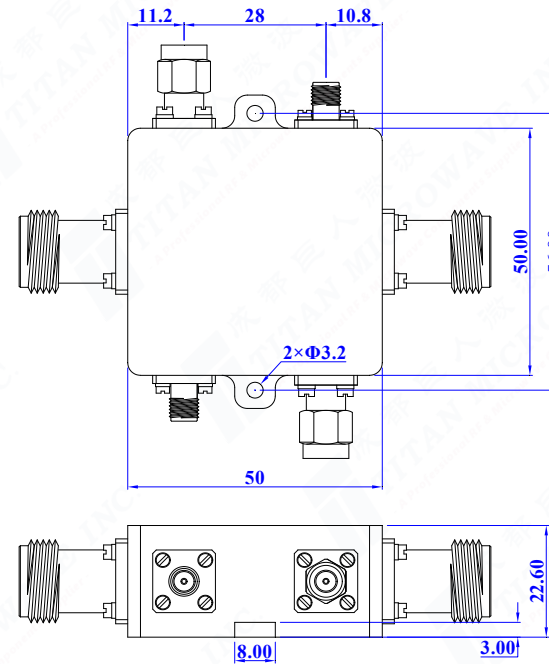
Frequency Range	1700~2200MHz
Coupling	50±2dB
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	250W(CW)

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	50.2×50×22.6mm

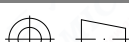
► Environmental Data

Operating Temperature	-40℃~+70℃
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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, 1700~2200MHz, 50dB, 250W, N-Female & SMA-Female	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com											
ENGINEER: J. Zhu 30/04/25													
APPROVED: C. Chen 30/04/25													
TOLERANCE UNLESS OTHERWISE SPECIFIED													
x ±0.50 [0.019"]	PART No.: TDDC-01700220-50NS250	DIMENSIONS IN MILLIMETERS(mm) <table><tr><td>SIZE:</td><td>SCALE:</td><td>SHEET:</td><td>REV:</td></tr><tr><td>A4</td><td></td><td>1/1</td><td>A</td></tr></table>				SIZE:	SCALE:	SHEET:	REV:	A4		1/1	A
SIZE:						SCALE:	SHEET:	REV:					
A4							1/1	A					
.x ±0.20 [0.008"]													
.xx ±0.10 [0.004"]													
ANGLES ±1°													