

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/11	C. Chen

TECHNICAL DATA

► Electrical Data

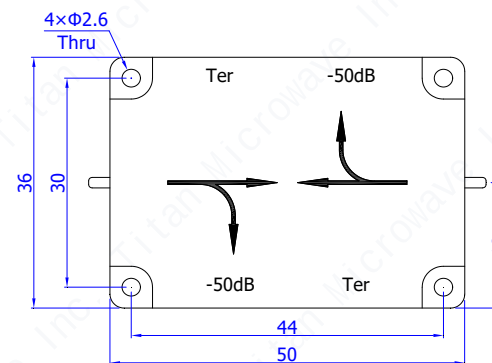
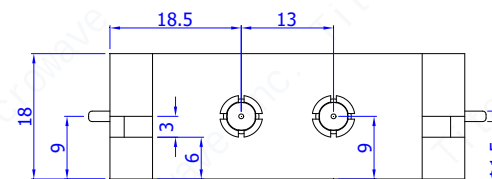
Frequency Range	8000~12000MHz
Coupling	50±1.0dB
Coupling Flatness	±1.0dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.4 max
Coupled Line VSWR	1.5 max
Directivity	14dB min
Impedance	50 Ohms
Power Rating	250W(CW)

► Mechanical Data

Input/Output Connectors	Φ1.5mm Pin
Coupled Connector	SMP-Male
Surface Finish	Silver Plated
Dimensions	50×36×18mm

► 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 11/03/25
ENGINEER: J. Zhu 11/03/25
APPROVED: C. Chen 11/03/25
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ±0.50 [0.019"]
.x ±0.20 [0.008"]
.xx ±0.10 [0.004"]
ANGLES ±1°

TITLE:
Dual Directional Coupler,
8~12GHz, 50dB, 250W
SMP-Male

PART No.:
TDDC-08001200-50250



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DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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