

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

TECHNICAL DATA

► Electrical Data

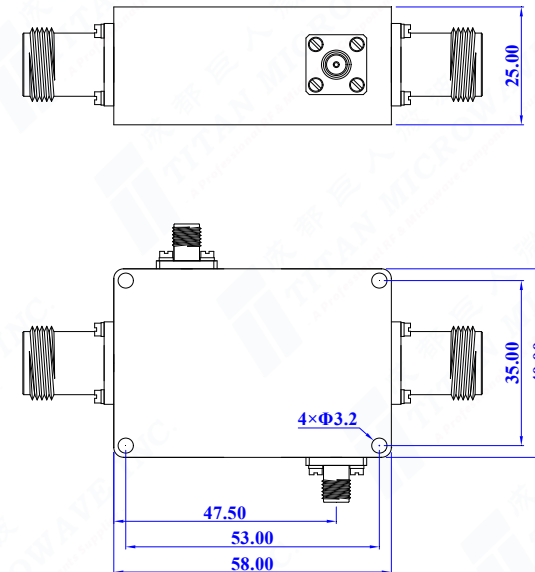
| | |
|--------------------|---------------------|
| Frequency Range | 2~5GHz |
| Coupling | 45±1.5dB |
| Insertion Loss | 0.5dB max |
| Primary Line VSWR | 1.5:1 max |
| Directivity | 10dB min |
| Impedance | 50 Ohms |
| Primary Line Power | 400W(CW), 3000W(PW) |

► Mechanical Data

| | |
|-------------------------|----------------------|
| Primary Line Connectors | N-Female |
| Coupled Connectors | SMA-Female |
| Housing Material | Aluminum |
| Surface Finish | Conductive Oxidation |
| Dimensions | 58×40×25mm |

► Environmental Data

| | |
|-----------------------|-----------|
| Operating Temperature | -55℃~+85℃ |
|-----------------------|-----------|



Notes:

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

| | | |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 30/04/25 | | |
| ENGINEER: J. Zhu 30/04/25 | | |
| APPROVED: C. Chen 30/04/25 | | |
| 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,
2~5GHz, 45dB, 400W,
N-Female & SMA-Female

PART No.:
TDDC-02000500-45NS400

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DIMENSIONS IN MILLIMETERS(mm)

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