

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

## TECHNICAL DATA

### ► Electrical Data

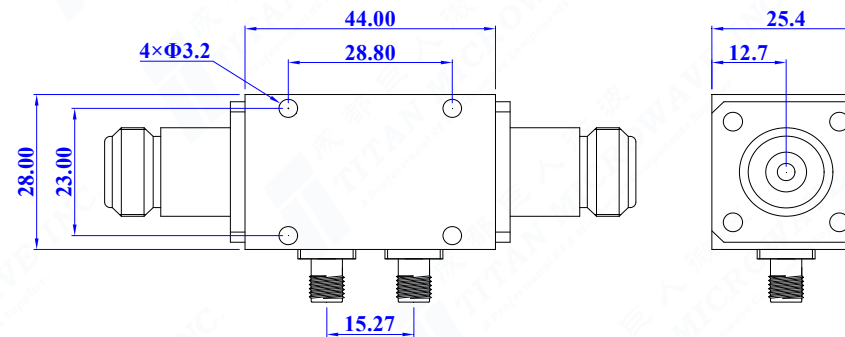
Frequency Range	6~10GHz
Coupling	40±1.0dB
Coupling Flatness	±0.5dB
Insertion Loss	0.3dB max
Primary Line VSWR	1.4:1 max
Directivity	15dB min
Impedance	50 Ohms
Primary Line Power	120W(CW)

### ► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	44×28×25.4mm

### ► Environmental Data

Operating Temperature	-55℃~+85℃
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#### Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. 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:

Single Directional Coupler,  
6~10GHz, 40dB, 120W,  
N-Female & SMA-Female

#### PART No.:

TMDC-06001000-40NS120



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DIMENSIONS IN MILLIMETERS(mm)

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