

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/12/21	C. Chen

## TECHNICAL DATA

### Electrical Data

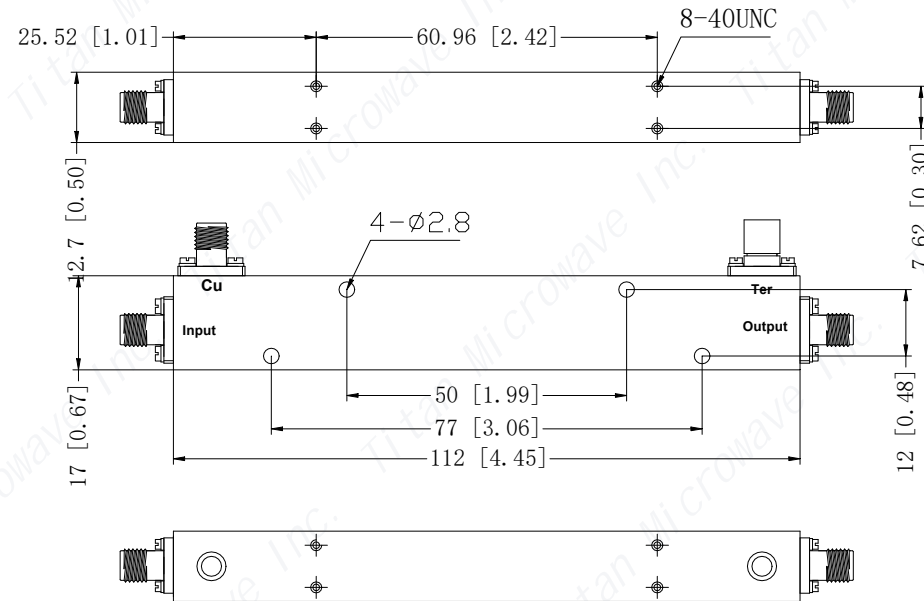
Frequency Range	500~2000MHz
Nominal Coupling	30±1.0dB
Insertion Loss	0.5dB max
Main Line VSWR	1.2 max
Coupled Line VSWR	1.2 max
Directivity	20dB min
Frequency Sensitivity	±1.0dB max
Impedance	50 Ohms
Average Power	50W

### Mechanical Data

Input/Output Connectors	SMA-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	112×17×12.7mm

### 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 21/12/22		
ENGINEER: J. Zhu 21/12/22		
APPROVED: C. Chen 21/12/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE: Directional Coupler 0.5-2GHz, Coupling 30dB, 50W SMA-Female
PART No.: TMDC-00500200-30S50A



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DIMENSIONS IN MILLIMETERS(mm)

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