

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

TECHNICAL DATA

► Electrical Data

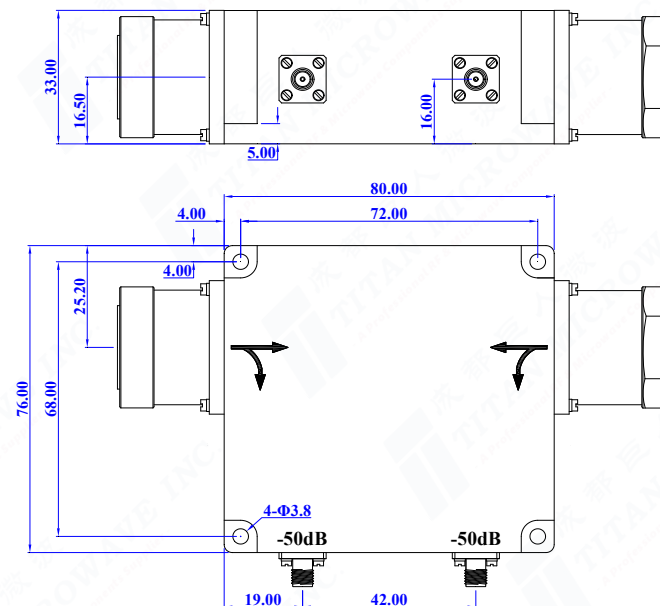
Frequency Range	30~512MHz
Coupling	50±1.0dB max
Coupling Flatness	±0.8dB max
Insertion Loss	0.2dB max
Primary Line VSWR	1.2:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	2000W(CW)

► Mechanical Data

Primary Line Connectors	DIN 7/16(L29)-Male & Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	80×76×33mm

► Environmental Data

Operating Temperature	-55℃~+85℃
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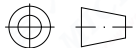
Notes:

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

DRAWN: L. Ma 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,
30~512MHz, 50dB, 2000W,
DIN 7/16(L29)-Male &
Female & SMA-Female

PART No.:
TDDC-30M512M-50DS2KW

 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
www.titan-microwave.com			
 DIMENSIONS IN MILLIMETERS(mm)			
SIZE: A4	SCALE:	SHEET: 1/1	REV: A