

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/24	C. Chen

TECHNICAL DATA

► Electrical Data

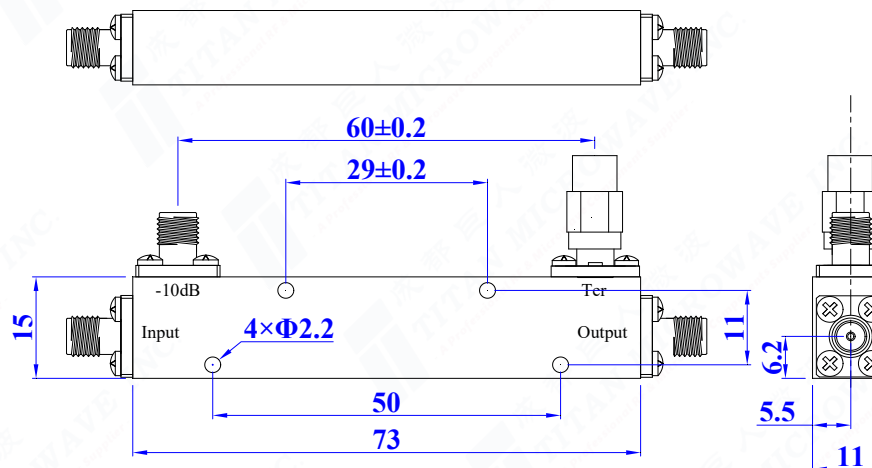
Frequency Range	1000~4000MHz
Nominal Coupling	10±1.0dB max
Coupling Flatness	±0.6dB max
Insertion Loss	0.4dB max
Main Line VSWR	1.2:1 max
Directivity	20dB min
Impedance	50 Ohms
Main Line Power	50W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Coupled Connector	SMA-Female
Body Material	Aluminum
Surface Finish	Gray Painted
Dimensions	73×15×11mm

► 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 24/03/25			TITLE: Single Directional Coupler, 1000~4000MHZ 10dB, 50W SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com
ENGINEER: J. Zhu 24/03/25				
APPROVED: C. Chen 24/03/25				
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x	±0.50	[0.019"]	PART No.: TMDC-01000400-10S50A	 DIMENSIONS IN MILLIMETERS(mm) SIZE: A4 SCALE: SHEET: 1/1 REV: A
.x	±0.20	[0.008"]		
.xx	±0.10	[0.004"]		
ANGLES	±1°			