

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/12/24	C. Chen

TECHNICAL DATA

► Electrical Data

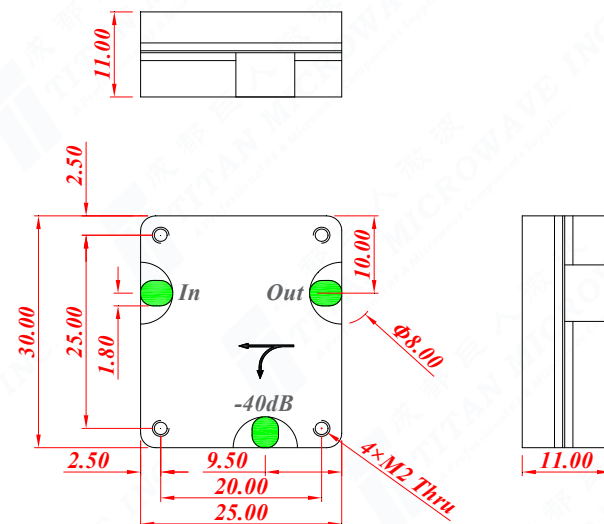
Frequency Range	5000~8000MHz
Coupling	40±1dB
Coupling Flatness	±0.8dB max
Insertion Loss	0.4dB max
Primary Line VSWR	1.4:1 max
Coupled Line VSWR	1.4:1 max
Directivity	15dB min
Primary Line Power	200W(CW)

► Mechanical Data

Connector Type	Microstrip
Surface Finish	Natural Color Conductive Oxidation
Dimensions	25×30×11mm

► 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 24/12/25	TITLE: SMD Directional Coupler, 5000~8000MHz, 200W, 40±1dB	 www.titan-microwave.com		
ENGINEER: J. Zhu 24/12/25				
APPROVED: C. Chen 24/12/25		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x ±0.50 [0.019"]	PART No.: TM013056-40A	SIZE: A4	SCALE:	SHEET: 1/1
.x ±0.20 [0.008"]				REV: A
.xx ±0.10 [0.004"]				
ANGLES ±1°				