

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/1/24	C. Chen

TECHNICAL DATA

► Electrical Data

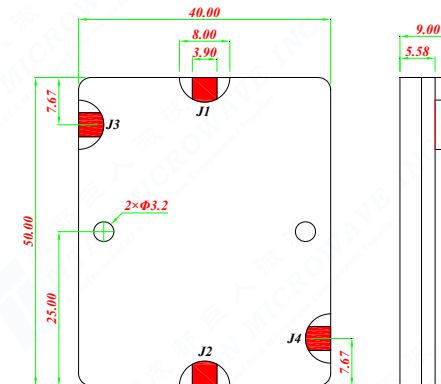
Frequency Range	1000~2500MHz
Coupling	30±1.0dB max
Coupling Flatness	±1.2dB max
Insertion Loss	0.35dB max
VSWR(Primary Line)	1.3:1 max
VSWR(Coupled Line)	1.4:1 max
Directivity	15dB min
Main Line Power	300W(CW) max

► Mechanical Data

Connector Type	Microstrip
Surface Finish	Conductive Oxidation
Dimensions	40×50×9mm

► Environmental Data

Operating Temperature	-55℃~+85℃
-----------------------	-----------



IN	OUT	Forward Coupled	Reflected Coupled
J1	J2	J3	J4
J2	J1	J4	J3

Notes:

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

DRAWN: L. Ma 24/01/26	TITLE: SMD Directional Coupler, 1000~2500MHZ, 300W, 30dB	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
ENGINEER: J. Zhu 24/01/26					
APPROVED: C. Chen 24/01/26		www.titan-microwave.com			
TOLERANCE UNLESS OTHERWISE SPECIFIED		PART No.: TM0138-30D	 DIMENSIONS IN MILLIMETERS(mm)		
x ±0.50 [0.019"]	SIZE:		SCALE:	SHEET:	REV:
.x ±0.20 [0.008"]	A4			1/1	A
.xx ±0.10 [0.004"]					
ANGLES ±1°					