

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/4/12	C. Chen

TECHNICAL DATA

► Electrical Data

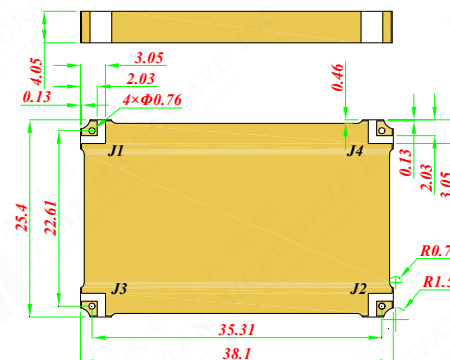
Frequency Range	100~520MHz
Coupling	40±1.0dB max
Coupling Flatness	±1.0dB max
Insertion Loss	0.25dB max
VSWR(Primary Line)	1.25:1 max
Directivity	18dB min
Main Line Power	300W(CW) max

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	38.1×25.4×4.05mm

► Environmental Data

Operating Temperature	-55℃~+85℃
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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 12/04/23			TITLE: SMD Directional Coupler, 100~520MHz, 300W, 40dB			 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com								
ENGINEER: J. Zhu 12/04/23														
APPROVED: C. Chen 12/04/23			 DIMENSIONS IN MILLIMETERS(mm)											
TOLERANCE UNLESS OTHERWISE SPECIFIED														
x	±0.50	[0.019"]	PART No.: TM0188-40			SIZE: A4			SCALE: SHEET: 1/1			REV: A		
.x	±0.20	[0.008"]												
.xx	±0.10	[0.004"]												
ANGLES	±1°													