

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

TECHNICAL DATA

► Electrical Data

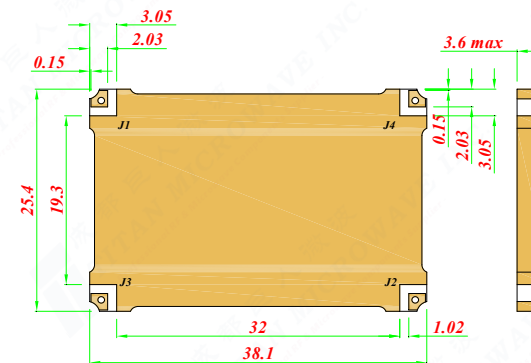
Frequency Range	500~2700MHz
Coupling	35±1.0dB
Coupling Flatness	±1.0dB max
Insertion Loss	0.35dB max
VSWR(Primary Line)	1.25:1 max
Directivity	15dB min
Main Line Power	300W(CW) max

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	38.1×25.4×3.6mm max

► 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, 500~2700MHz, 300W, 35dB PART No.: TM010601-35D  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	
ENGINEER: J. Zhu 12/04/23				
APPROVED: C. Chen 12/04/23				
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x	±0.50	[0.019"]		
.x	±0.20	[0.008"]		
.xx	±0.10	[0.004"]		
ANGLES	±1°			

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