

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/16	C. Chen

TECHNICAL DATA

► Electrical Data

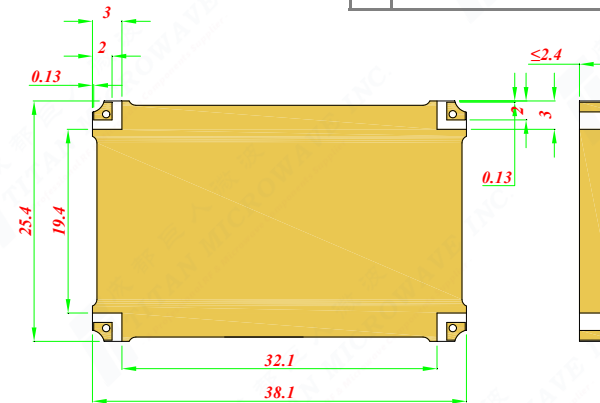
Frequency Range	108~2000MHz
Insertion Loss	0.3dB max
VSWR(main line)	1.3:1 max
Coupling	50±1dB
Coupling Flatness	±1.5dB max
Directivity	16dB min
Power(main line)	200W max

► Mechanical Data

Dimensions	38.1×25.4×2.4mm max
Connector Type	SMD
Surface Finish	Immersion Gold

► 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 16/04/22			TITLE: SMD Directional Coupler, 50dB, 108-2000MHz, 200W		成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com					
ENGINEER: J. Zhu 16/04/22										
APPROVED: C. Chen 16/04/22										
TOLERANCE UNLESS OTHERWISE SPECIFIED										
x	±0.50	[0.019"]	PART No.: TM010T30-50D		DIMENSIONS IN MILLIMETERS(mm)					
.x	±0.20	[0.008"]								
.xx	±0.10	[0.004"]								
ANGLES	±1°									
			SIZE:		SCALE:		SHEET:		REV:	
			A4				1/1		A	