

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

TECHNICAL DATA

► Electrical Data

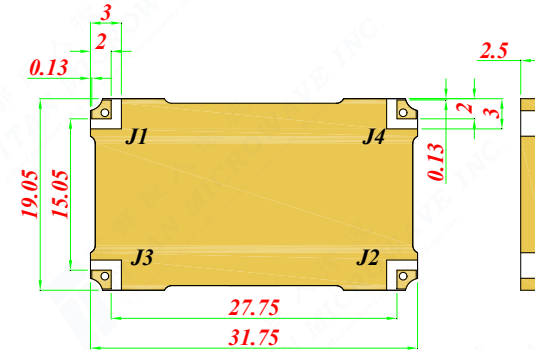
Frequency Range	30~800MHz
Coupling	50±1.0dB
Coupling Flatness	±0.6dB max
Insertion Loss	0.3dB max
VSWR(Primary Line)	1.2:1 max
VSWR(Coupled Line)	1.5:1 max
Directivity	18dB min
Main Line Power	200W(CW) max

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	38.1×25.4×3.7mm

► 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, 30~800MHz, 200W, 50±1dB	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					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
x±0.50[0.019"] .x±0.20[0.008"] .xx±0.10[0.004"] ANGLES±1°	PART No.: TM010T22-50D	 DIMENSIONS IN MILLIMETERS(mm)			
		SIZE: A4	SCALE:	SHEET: 1/1	REV: A

x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	