

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

TECHNICAL DATA

► Electrical Data

Frequency Range	20~1000MHz
Insertion Loss	0.32dB max
VSWR	1.13:1 max
Coupling	50±1.0dB
Directivity	20dB min
Power Handling	200W(CW)

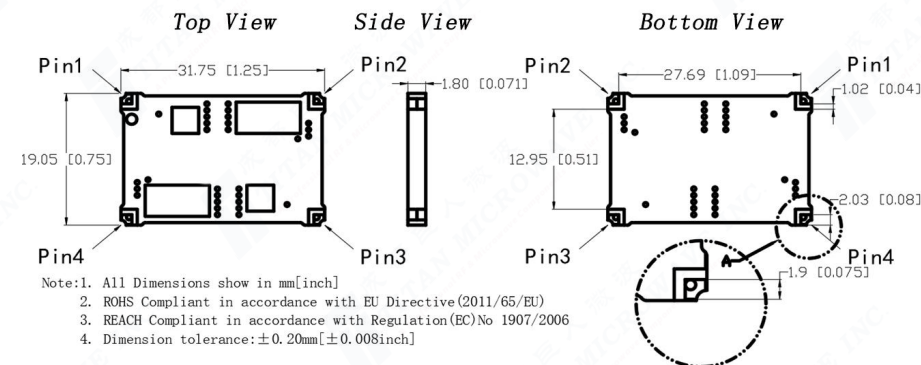
► Mechanical Data

Dimensions	31.75×19.05×1.8mm
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+105℃
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Pin Configuration



Pin 1	Pin 2	Pin 3	Pin 4
Input	Reflected Coupled	Transmission	Forward Coupled
Transmission	Forward Coupled	Input	Reflected Coupled

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 Dual Directional Coupler, 20-1000MHz, 50dB, 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				DIMENSIONS IN MILLIMETERS(mm)	SIZE:	SCALE:	SHEET:	REV:
APPROVED: C. Chen 16/04/22								
TOLERANCE UNLESS OTHERWISE SPECIFIED								
x	±0.50	[0.019"]	PART No.: TMDC0500W50	SIZE: A4	SCALE:	SHEET: 1/1	REV: A	
.x	±0.20	[0.008"]						
.xx	±0.10	[0.004"]						
ANGLES	±1°							