

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

TECHNICAL DATA

► Electrical Data

Frequency Range	600~1000MHz
Insertion Loss	0.1dB max
VSWR	1.2:1 max
Coupling	20±2.0dB
Directivity	21dB min
Power Handling	200W(CW)

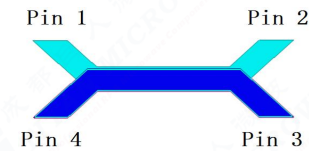
► Mechanical Data

Dimensions	14.22×8.89×2.0mm
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+105℃
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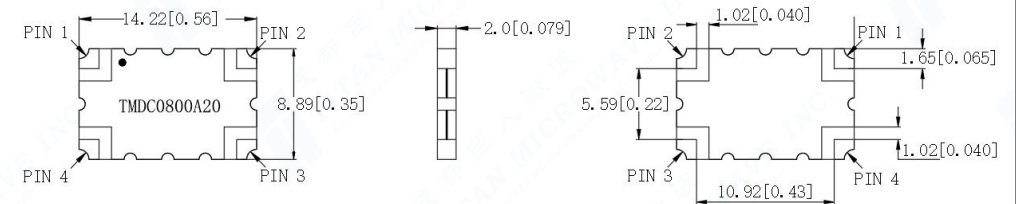
Pin Configuration



Top View

Side View

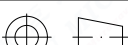
Bottom View



Pin 1	Pin 2	Pin 3	Pin 4
Input	Transmission	Isolate	Coupling
Transmission	Input	Coupling	Isolate

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, 600~1000MHz, 20dB, 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			PART No.: TMDC0800A20		 DIMENSIONS IN MILLIMETERS(mm)			
x ±0.50 [0.019"]								
.x ±0.20 [0.008"]								
.xx ±0.10 [0.004"]								
ANGLES ±1°					SIZE: A4	SCALE:	SHEET: 1/1	REV: A