

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

TECHNICAL DATA

► Electrical Data

Frequency Range	680~2700MHz
Insertion Loss	0.2dB max
VSWR	1.15:1 max
Coupling	35±1.0dB
Directivity	22dB min
Power Handling	150W(CW)

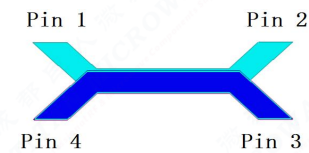
► Mechanical Data

Dimensions	25.4×12.7×1.3mm
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+105℃
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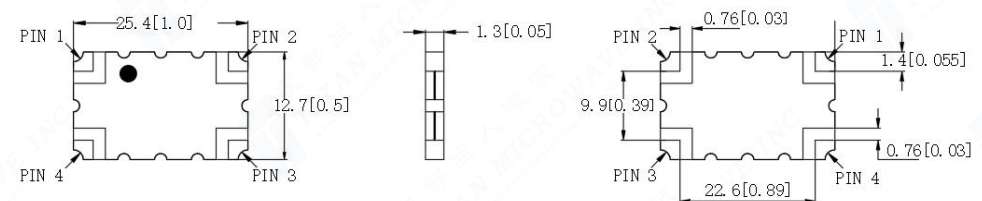
Pin Configuration



Top View

Side View

Bottom View



Pin 1	Pin 2	Pin 3	Pin 4
Input	Direct	Isolatd	Coupled
Direct	Input	Coupled	Isolatd
Isolatd	Coupled	Input	Direct
Coupled	Isolatd	Direct	Input

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, 680~2700MHz, 35dB, 150W PART No.: TMDC1700B35	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"]		DIMENSIONS IN MILLIMETERS(mm)			
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					
		SIZE: A4	SCALE:	SHEET: 1/1	REV: A