

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

TECHNICAL DATA

► Electrical Data

Frequency Range	300~2500MHz
Insertion Loss	0.25dB max
VSWR	1.1:1 max
Coupling	40±1.0dB
Directivity	18dB min
Power Handling	150W(CW)

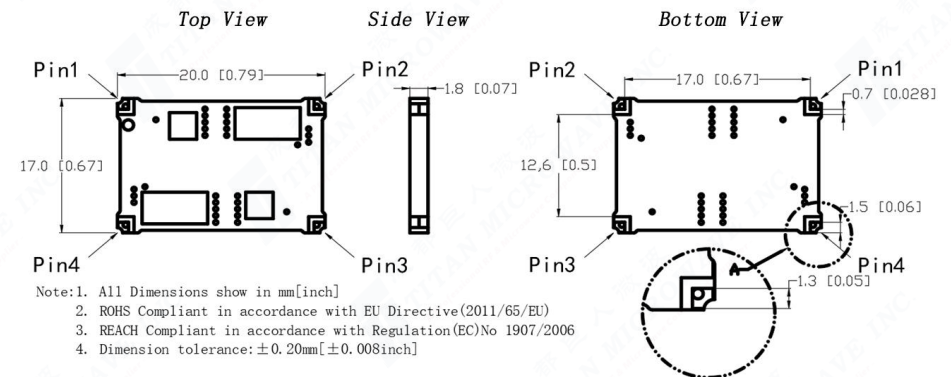
► Mechanical Data

Dimensions	20×17×1.8mm
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 Directional Coupler, 300-2500MHz, 40dB, 150W		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					PART No.: TMDC1200W40		DIMENSIONS IN MILLIMETERS(mm) SIZE: A4 SCALE: SHEET: 1/1 REV: A		
TOLERANCE UNLESS OTHERWISE SPECIFIED									
x	±0.50	[0.019"]							
.x	±0.20	[0.008"]							
.xx	±0.10	[0.004"]							
ANGLES	±1°								

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