

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

TECHNICAL DATA

► Electrical Data

Frequency Range	30~520MHz
Insertion Loss	0.15dB max
VSWR	1.1:1 max
Coupling	46±1.0dB
Directivity	28dB min
Power Handling	200W(CW)

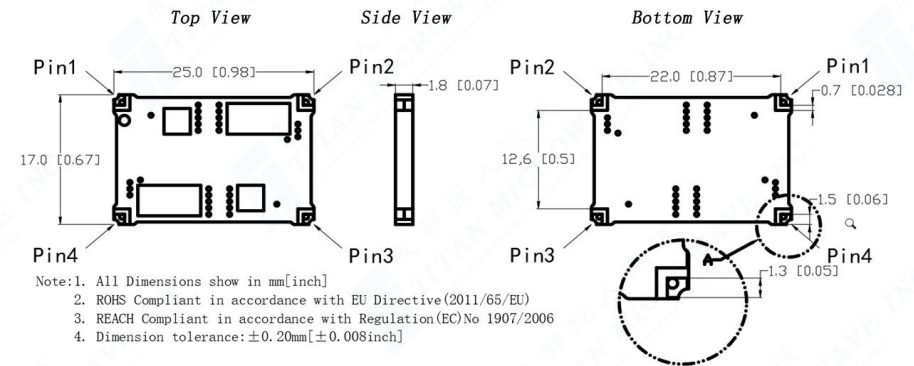
► Mechanical Data

Dimensions	25×17×1.8mm
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+105℃
-----------------------	------------

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, 30-520MHZ, 46dB, 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										
x	±0.50	[0.019"]	PART No.: TMDC0275W45S		DIMENSIONS IN MILLIMETERS(mm)					
.x	±0.20	[0.008"]								
.xx	±0.10	[0.004"]								
ANGLES	±1°									
			SIZE:		SCALE:		SHEET:		REV:	
			A4				1/1		A	