

TECHNICAL DATA

► Electrical Data

Frequency Range	90~520MHz
Insertion Loss	0.1dB max
VSWR	1.1:1 max
Coupling	40±1.0dB
Directivity	25dB min
Power Handling	300W(CW)

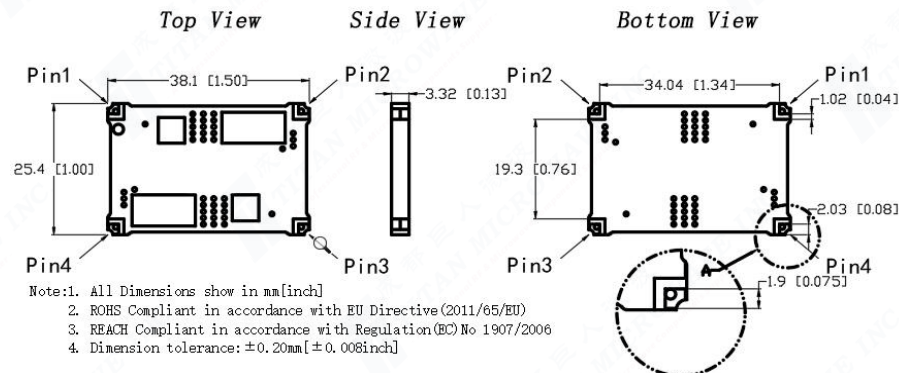
► Mechanical Data

Dimensions	38.1×25.4×3.32mm
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
 ENGINEER: J. Zhu 16/04/22
 APPROVED: C. Chen 16/04/22
 TOLERANCE UNLESS OTHERWISE SPECIFIED

x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

SMD Directional Coupler,
 90-520MHz,
 40dB, 300W

PART No.:

TMDC0300W40

成都巨人微波
TITAN MICROWAVE INC.
 - A Professional RF & Microwave Components Supplier -

www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE:	SCALE:	SHEET:	REV:
A4		1/1	A