

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/4/12	C. Chen

TECHNICAL DATA

► Electrical Data

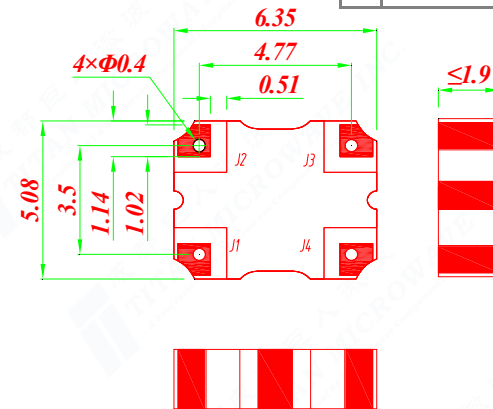
Frequency Range	2300~2700MHz
Coupling	10±0.75dB
Coupling Flatness	±0.75dB max
Insertion Loss	0.25dB max(excluding coupling loss 0.46dB)
Primary Line VSWR	1.22:1 max
Directivity	18dB min
Primary Line Power	20W(CW)

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	6.35×5.08×1.9mm max

► Environmental Data

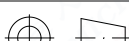
Operating Temperature	-55℃~+85℃
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J2	J3	J4	J1
Input	Transmission	Isolate	Coupling
Transmission	Input	Coupling	Isolate

Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 12/04/23			TITLE: SMD Directional Coupler, 2300~2700MHZ, 20W, 10dB		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -					
ENGINEER: J. Zhu 12/04/23					www.titan-microwave.com					
APPROVED: C. Chen 12/04/23										
TOLERANCE UNLESS OTHERWISE SPECIFIED					 DIMENSIONS IN MILLIMETERS(mm)					
x	±0.50	[0.019"]								
.x	±0.20	[0.008"]								
.xx	±0.10	[0.004"]								
ANGLES	±1°									
PART No.: TM0145-10			SIZE:		SCALE:		SHEET:		REV:	
			A4				1/1		A	