

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

TECHNICAL DATA

► Electrical Data

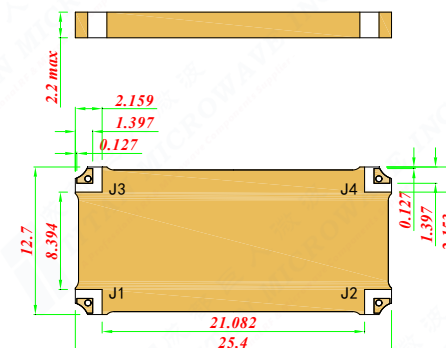
Frequency Range	700~2600MHz
Coupling	20±1.5dB max
Coupling Flatness	±1.0dB max
Insertion Loss	0.3dB max
VSWR(Primary Line)	1.3:1 max
Directivity	18dB min
Main Line Power	100W(CW)

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	25.4×12.7×2.2mm max

► Environmental Data

Operating Temperature	-55℃~+85℃
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IN	OUT	COUPLED
J1	J2	J3
J2	J1	J4

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, 700~2600MHz, 100W, 20dB	 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				PART No.: TM010305-20	 DIMENSIONS IN MILLIMETERS(mm)		
x	±0.50	[0.019"]	SIZE:		SCALE:	SHEET:	REV:
.x	±0.20	[0.008"]	A4			1/1	A
.xx	±0.10	[0.004"]					
ANGLES	±1°						

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