

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

TECHNICAL DATA

► Electrical Data

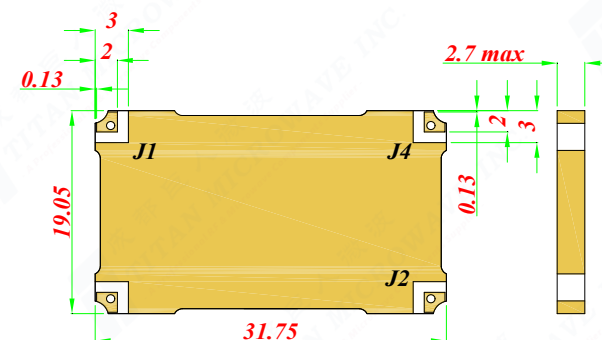
Frequency Range	200~2000MHz
Coupling	45±1.0dB max
Coupling Flatness	±1.5dB max
Insertion Loss	0.3dB max
VSWR(Primary Line)	1.3:1 max
Directivity	16dB min
Main Line Power	150W(CW) max

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	31.75×19.05×2.7mm max

► Environmental Data

Operating Temperature	-55℃~+85℃
-----------------------	-----------



IN	OUT	COUPLED
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, 200~2000MHz, 150W, 45dB	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com				
ENGINEER: J. Zhu 12/04/23				PART No.: TM0127-45	DIMENSIONS IN MILLIMETERS(mm)			
APPROVED: C. Chen 12/04/23								
TOLERANCE UNLESS OTHERWISE SPECIFIED								
x	±0.50	[0.019"]						
.x	±0.20	[0.008"]						
.xx	±0.10	[0.004"]						
ANGLES	±1°							

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