

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/1/24	C. Chen

TECHNICAL DATA

► Electrical Data

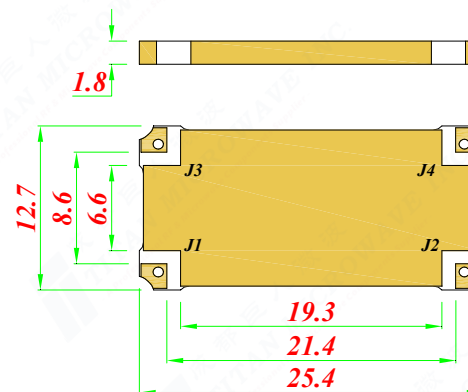
Frequency Range	800~2000MHz
Coupling	18±1.25dB max
Coupling Flatness	±0.6dB max
Insertion Loss	0.4dB max
VSWR	1.25:1 max
Directivity	16dB min
Main Line Power	150W max

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	25.4×12.7×1.8mm

► Environmental Data

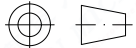
Operating Temperature	-55℃~+85℃
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IN	OUT	Forward Coupled	Reflected Coupled
J1	J2	J3	J4
J2	J1	J4	J3

Notes:

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

DRAWN: L. Ma 24/01/26	TITLE: SMD Directional Coupler, 800~2000MHz, 150W, 18dB	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com		
ENGINEER: J. Zhu 24/01/26				
APPROVED: C. Chen 24/01/26		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x ±0.50 [0.019"]	PART No.: TM0193-18	SIZE:	SCALE:	SHEET:
.x ±0.20 [0.008"]		A4		1/1
.xx ±0.10 [0.004"]				REV:
ANGLES ±1°				A