

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

TECHNICAL DATA

► Electrical Data

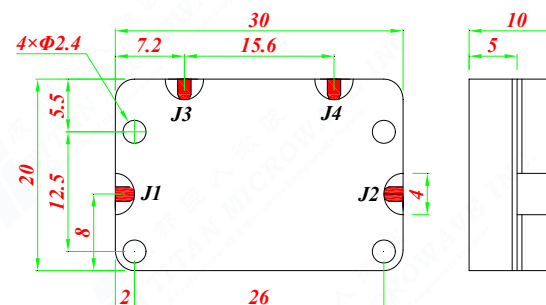
Frequency Range	14300~14800MHz
Coupling	40±1dB max
Coupling Flatness	±0.5dB max
Insertion Loss	0.3dB max
VSWR	1.4:1 max
Directivity	16dB min
Primary Line Power	50W(CW), 250W(Peak Power, Duty Cycle 15%)

► Mechanical Data

Connector Type	Microstrip
Surface Finish	Conductive Oxidation
Dimensions	30×20×10mm

► 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 12/04/23			TITLE: SMD Directional Coupler, 14.3~14.8GHz, 50W, 40±1dB				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							DIMENSIONS IN MILLIMETERS(mm)							
APPROVED: C. Chen 12/04/23														
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TM016009-40D				SIZE:		SCALE:		SHEET:		REV:	
x ±0.50 [0.019"] .x ±0.20 [0.008"] .xx ±0.10 [0.004"] ANGLES ±1°							A4				1/1		A	