

TECHNICAL DATA

► Electrical Data

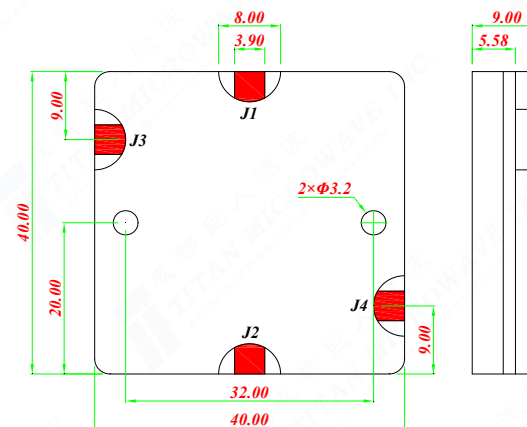
Frequency Range	2000~2500MHz
Coupling	30±1.0dB max
Coupling Flatness	±0.5dB max
Insertion Loss	0.2dB max
VSWR(Primary Line)	1.2:1 max
VSWR(Coupled Line)	1.2:1 max
Directivity	16dB min
Main Line Power	300W(CW) max

► Mechanical Data

Connector Type	Microstrip
Surface Finish	Conductive Oxidation
Dimensions	40×40×9mm

► Environmental Data

Operating Temperature $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$



<i>IN</i>	<i>OUT</i>	<i>Forward Coupled</i>	<i>Reflected Coupled</i>
<i>J1</i>	<i>J2</i>	<i>J3</i>	<i>J4</i>
<i>J2</i>	<i>J1</i>	<i>J4</i>	<i>J3</i>

Notes:

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

DRAWN: L. Ma 24/01/26			TITLE: SMD Directional Coupler, 2000~2500MHZ, 300W, 30dB	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -							
ENGINEER: J. Zhu 24/01/26											
APPROVED: C. Chen 24/01/26				www.titan-microwave.com							
TOLERANCE UNLESS OTHERWISE SPECIFIED				 DIMENSIONS IN MILLIMETERS(mm)							
x ±0.50 [0.019"]			PART No.: TM013066-30D	SIZE:		SCALE:		SHEET:		REV:	
.x ±0.20 [0.008"]				A4				1/1		A	
.xx ±0.10 [0.004"]											
ANGLES ±1°											