

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/16	C. Chen

TECHNICAL DATA

► Electrical Data

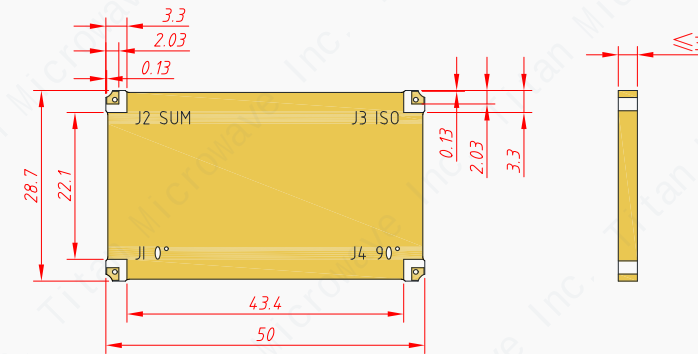
Frequency Range	300~3000MHz
Insertion Loss(average)	0.8dB max
VSWR	1.4:1 max
Isolation	18dB min
Phase Balance	±5° max
Amplitude Balance	±0.8dB max
Power Handling	200W

► Mechanical Data

Dimensions	50×28.7×3mm max
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+85℃
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INPUT	J1	J2	J3	J4
J2	-3dB<0°	----	ISOLATION	-3dB<90°
J3	-3dB<90°	ISOLATION	----	-3dB<0°

Notes:

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

DRAWN: L. Ma 16/04/22			TITLE: SMD 90 Degree Hybrid Coupler, 3dB, 300-3000MHz, 200W 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 16/04/22						
APPROVED: C. Chen 16/04/22						
TOLERANCE UNLESS OTHERWISE SPECIFIED						
x	±0.50	[0.019"]	DIMENSIONS IN MILLIMETERS(mm)			
.x	±0.20	[0.008"]				
.xx	±0.10	[0.004"]				
ANGLES	±1°					
PART No.: TM010T88-3			SIZE: A4	SCALE:	SHEET: 1/1	REV: A