

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

TECHNICAL DATA

► Electrical Data

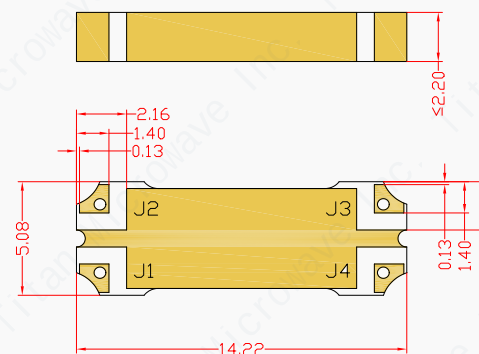
Frequency Range	900~2000MHz
Insertion Loss(average)	0.3dB max
VSWR	1.3:1 max
Isolation	18dB min
Phase Balance	±5° max
Amplitude Balance	±0.6dB max
Power Handling	50W(CW)

► Mechanical Data

Dimensions	14.22×5.08×2.2mm max
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+85℃
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INPUT	J1	J2	J3	J4
J1	-----	-3dB<0°	-3dB<90°	Isolation
J2	-3dB<0°	-----	Isolation	-3dB<90°
J3	-3dB<90°	Isolation	-----	-3dB<0°
J4	Isolation	-3dB<90°	-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, 900-2000MHz, 50W	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				PART No.: TM010222-3	DIMENSIONS IN MILLIMETERS(mm)				
APPROVED: C. Chen 16/04/22					SIZE: A4 SCALE: SHEET: 1/1 REV: A				
TOLERANCE UNLESS OTHERWISE SPECIFIED									
x	±0.50	[0.019"]							
.x	±0.20	[0.008"]							
.xx	±0.10	[0.004"]							
ANGLES	±1°								