

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

TECHNICAL DATA

► Electrical Data

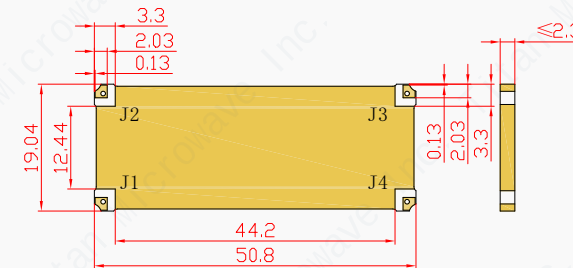
Frequency Range	380~2000MHz
Insertion Loss	0.55dB max
VSWR	1.25:1 max
Isolation	19dB min
Phase Balance	±2.5° max
Amplitude Balance	±0.5dB max
Power Handling	250W(CW)

► Mechanical Data

Dimensions	50.8×19.04×2.3mm 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<-90°	-3dB<0°	ISOLATION
J2	-3dB<-90°	-----	ISOLATION	-3dB<0°
J3	-3dB<0°	ISOLATION	-----	-3dB<-90°
J4	ISOLATION	-3dB<0°	-3dB<-90°	-----

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, 380-2000MHz, 250W PART No.: TM010502-3		 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°						
			SIZE:	SCALE:	SHEET:	REV:	
			A4		1/1	A	

x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	