

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

TECHNICAL DATA

► Electrical Data

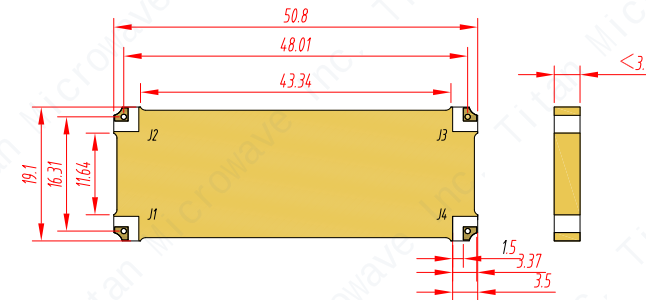
Frequency Range	500~3200MHz
Insertion Loss(average)	≤0.6dB
VSWR	≤1.35:1
Isolation	≥18dB
Phase Balance	≤±5°
Amplitude Balance	≤±0.8dB
Power Handling	300W(CW)

► Mechanical Data

Dimensions	50.8×19.1×3.6mm 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° Hybrid Coupler, 3dB, 500-3200MHZ, 300W		 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					PART No.: TM0608-3		  DIMENSIONS IN MILLIMETERS(mm)	
TOLERANCE UNLESS OTHERWISE SPECIFIED								
x	±0.50	[0.019"]						
.x	±0.20	[0.008"]						
.xx	±0.10	[0.004"]						
ANGLES	±1°				SIZE: A4	SCALE:	SHEET: 1/1	REV: A