

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/1/12	C. Chen

TECHNICAL DATA

► Electrical Data

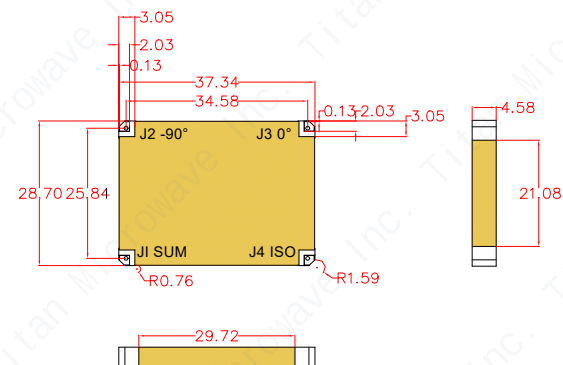
Frequency Range	200~1000MHz
Insertion Loss	0.5dB max
VSWR	1.3:1 max
Isolation	15dB min
Phase Balance	±4° max
Amplitude Balance	±0.95dB max
Power Handling	300W

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	37.34×28.7×4.58mm

► Environmental Data

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

Notes:

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

DRAWN: L. Ma 12/01/23			TITLE: SMD 3dB 90° High Power Hybrid Coupler, 200~1000MHz, 300W		成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com				
ENGINEER: J. Zhu 12/01/23									
APPROVED: C. Chen 12/01/23			PART No.: TM010801-3A		DIMENSIONS IN MILLIMETERS(mm) 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°								