

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

TECHNICAL DATA

► Electrical Data

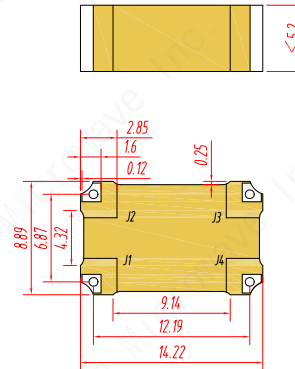
Frequency Range	1500~2500MHz
Insertion Loss(average)	≤0.3dB
VSWR	≤1.35:1
Isolation	≥18dB
Phase Balance	≤±4°
Amplitude Balance	≤±0.4dB
Power Handling	250W

► Mechanical Data

Dimensions	14.22×8.89×5.2mm 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° Hybrid Coupler, 3dB, 1500-2500MHZ, 250W		 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			PART No.: TM013073-3		 DIMENSIONS IN MILLIMETERS(mm)			
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