

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

TECHNICAL DATA

► Electrical Data

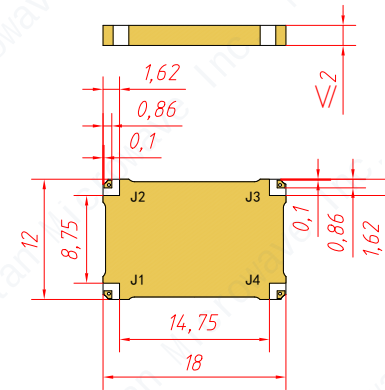
Frequency Range	900~3500MHz
Insertion Loss(average)	≤0.6dB
VSWR	≤1.4:1
Isolation	≥17dB
Phase Balance	≤±5°
Amplitude Balance	≤±0.6dB
Power Handling	30W(CW)

► Mechanical Data

Dimensions	18×12×2mm 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<-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° Hybrid Coupler, 3dB, 900-3500MHZ, 30W		 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.: TM013303-3		 DIMENSIONS IN MILLIMETERS(mm)		SIZE: A4		SCALE:		SHEET: 1/1	
TOLERANCE UNLESS OTHERWISE SPECIFIED														
x ±0.50 [0.019"]														
.x ±0.20 [0.008"]														
.xx ±0.10 [0.004"]														
ANGLES ±1°														

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ANGLES	±1°	