

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

TECHNICAL DATA

► Electrical Data

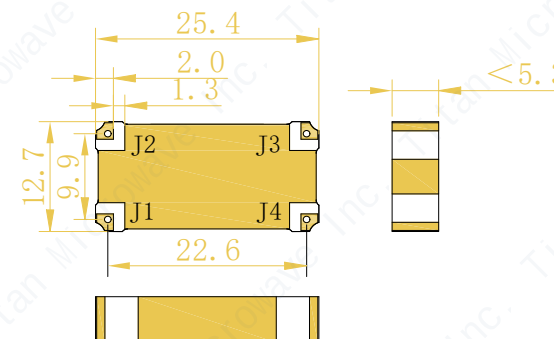
Frequency Range	2700~3500MHz
Insertion Loss	≤0.25dB
VSWR	≤1.3:1
Isolation	≥18dB
Phase Balance	≤±5°
Amplitude Balance	≤±0.25dB
Power Handling	400W(CW)
Peak Power	2500W(PW)

► Mechanical Data

Dimensions	25.4×12.7×5.3mm max
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

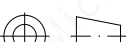
Operating Temperature	-55℃~+85℃
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INPUT	J1	J2	J3	J4
J1	-----	-3dB<0°	-3dB<-90°	ISOLATION
J2	-3dB<0°	-----	ISOLATION	-3dB<-90°
J3	-3dB<-90°	ISOLATION	-----	-3dB<0°
J4	ISOLATION	-3dB<-90°	-3dB<0°	-----

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, 2700-3500MHz, 400W		 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					 DIMENSIONS IN MILLIMETERS(mm)			
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TM013034-3					
x	±0.50	[0.019"]			SIZE:	SCALE:	SHEET:	REV:
.x	±0.20	[0.008"]			A4		1/1	A
.xx	±0.10	[0.004"]						
ANGLES	±1°							