

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

TECHNICAL DATA

► Electrical Data

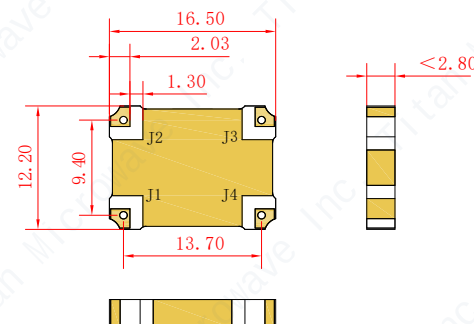
Frequency Range	1800~2500MHz
Insertion Loss	≤0.25dB
VSWR	≤1.25:1
Isolation	≥20dB
Phase Balance	≤±3°
Amplitude Balance	≤±0.3dB
Power Handling	300W(CW)

► Mechanical Data

Dimensions	16.5×12.2×2.8mm 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, 1800-2500MHz, 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			 DIMENSIONS IN MILLIMETERS(mm)														
TOLERANCE UNLESS OTHERWISE SPECIFIED																	
x	±0.50	[0.019"]	PART No.: TM013039-3			SIZE: A4			SCALE: 			SHEET: 1/1			REV: A		
.x	±0.20	[0.008"]															
.xx	±0.10	[0.004"]															
ANGLES	±1°																

x	±0.50	[0.019"]
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ANGLES	±1°	