

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/6/12	C. Chen

## TECHNICAL DATA

### Electrical Data

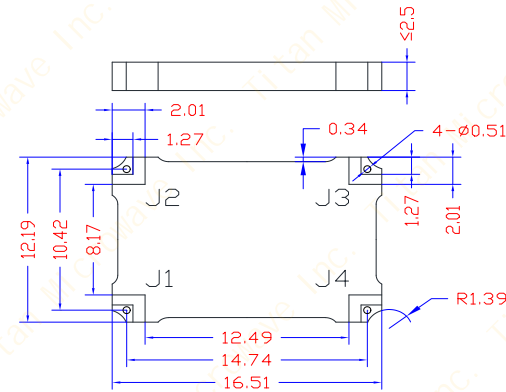
Frequency Range	2000~6500MHz
Insertion Loss	≤0.4dB max
VSWR	≤1.3:1 typ, ≤1.4:1 max
Isolation	≥18dB
Phase Balance	≤±5°
Amplitude Balance	≤±0.5dB
Power Handling	200W typ, 250W max

### Mechanical Data

Dimensions	16.51×12.19×2.5mm max
Connector Type	SMD
Surface Finish	Gold Plated

### 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	-----

DRAWN: L. Ma 12/06/22		
ENGINEER: J. Zhu 12/06/22		
APPROVED: C. Chen 12/06/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:  
SMD 90 Degree Hybrid  
Coupler, 3dB, 2-6.5GHz,  
200W

PART No.:  
TM013206-3A

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DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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Notes:

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