

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

TECHNICAL DATA

► Electrical Data

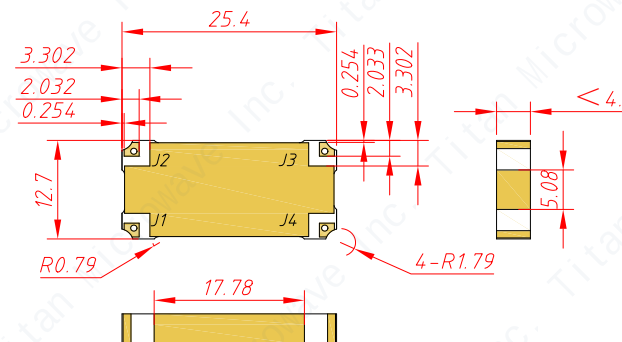
Frequency Range	5100~5900MHz
Insertion Loss	≤0.4dB
VSWR	≤1.35:1
Isolation	≥15dB
Phase Balance	≤±6°
Amplitude Balance	≤±0.25dB
Power Handling	350W(CW)
Peak Power	1000W(Pulse Width 500us, Duty Cycle 20%)

► Mechanical Data

Dimensions	25.4×12.7×4mm 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, 5.1-5.9GHz, 350W		 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.: TM013036-3				
TOLERANCE UNLESS OTHERWISE SPECIFIED						 DIMENSIONS IN MILLIMETERS(mm)			
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°								