

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

TECHNICAL DATA

► Electrical Data

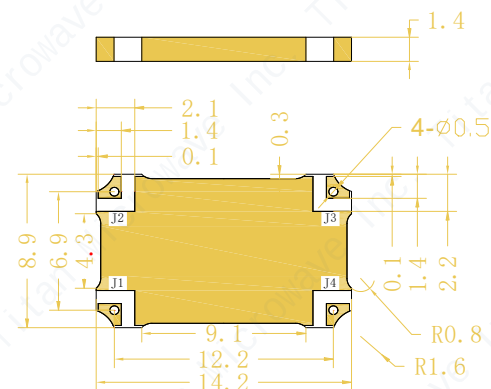
Frequency Range	3000~6000MHz
Insertion Loss	≤0.4dB
VSWR	≤1.4:1
Isolation	≥16dB
Phase Balance	≤±5°
Amplitude Balance	≤±0.5dB
Power Handling	100W(CW)

► Mechanical Data

Dimensions	14.2×8.9×1.4mm max
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$



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:

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

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ENGINEER: J. Zhu 16/04/22						
APPROVED: C. Chen 16/04/22						
TOLERANCE UNLESS OTHERWISE SPECIFIED			SMD 90° Hybrid Coupler, 3dB, 3000-6000MHz, 100W			
x±0.50[0.019"] .x±0.20[0.008"] .xx±0.10[0.004"] ANGLES±1°			PART No.: TM013205-3			
			 DIMENSIONS IN MILLIMETERS(mm)			
			SIZE: A4	SCALE:	SHEET: 1/1	REV: A