

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

TECHNICAL DATA

► Electrical Data

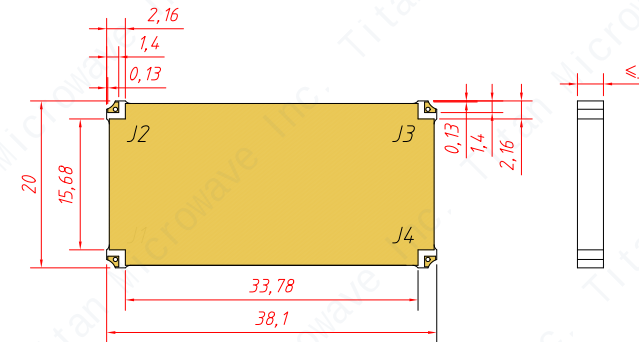
Frequency Range	500~6000MHz
Insertion Loss	≤5.2dB(including theoretical loss 3dB)
VSWR	≤1.35:1
Isolation	≥17dB
Phase Balance	≤±4°
Amplitude Balance	≤±1.0dB
Power Handling	50W(CW)

► Mechanical Data

Dimensions	38.1×20×3mm
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

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

Notes:

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

DRAWN: L. Ma 16/04/22 ENGINEER: J. Zhu 16/04/22 APPROVED: C. Chen 16/04/22 TOLERANCE UNLESS OTHERWISE SPECIFIED x ±0.50 [0.019"] .x ±0.20 [0.008"] .xx ±0.10 [0.004"] ANGLES ±1°	TITLE: SMD 90° Hybrid Coupler, 3dB, 500-6000MHz, 50W		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com		
	PART No.: TM055-3		 DIMENSIONS IN MILLIMETERS(mm)		
	SIZE:	SCALE:	SHEET:	REV:	
	A4		1/1	A	