

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

TECHNICAL DATA

► Electrical Data

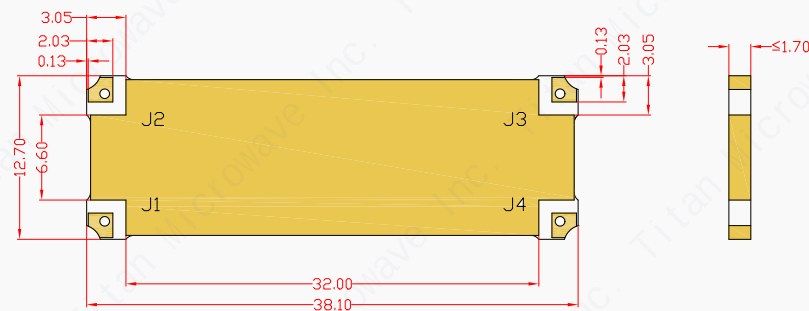
Frequency Range	800~3000MHz
Insertion Loss	0.45dB max
VSWR	1.4:1 max
Isolation	18dB min
Phase Balance	±5° max
Amplitude Balance	±0.65dB max
Power Handling	150W(CW)

► Mechanical Data

Dimensions	38.1×12.7×1.7mm 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<-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	TITLE: SMD 90 Degree Hybrid Coupler, 3dB, 800- 3000MHz, 150W	 www.titan-microwave.com		
ENGINEER: J. Zhu 16/04/22				
APPROVED: C. Chen 16/04/22		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.: TM010302-3	SIZE: A4	SCALE:	SHEET: 1/1
x ±0.50 [0.019"] .x ±0.20 [0.008"] .xx ±0.10 [0.004"] ANGLES ±1°			REV: A	