

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

TECHNICAL DATA

► Electrical Data

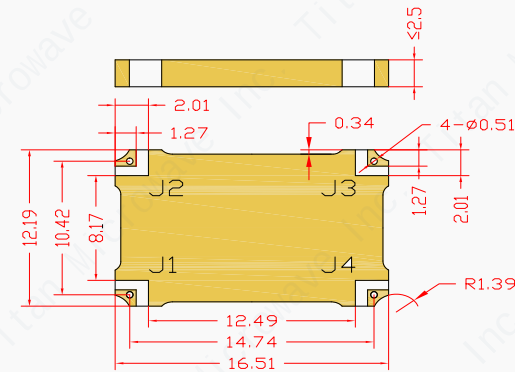
Frequency Range	440~730MHz
Insertion Loss	0.4dB max
VSWR	1.25:1 max
Isolation	20dB min
Phase Balance	±3° max
Amplitude Balance	±0.5dB max
Power Handling	200W(CW)

► Mechanical Data

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

► Environmental Data

Operating Temperature	-55℃~+85℃
-----------------------	-----------



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 Degree Hybrid Coupler, 3dB, 440-730MHz, 200W PART No.: TM01004-3		 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					 DIMENSIONS IN MILLIMETERS(mm)			SIZE: A4 SCALE: SHEET: 1/1 REV: A		
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°										

x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	