

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

TECHNICAL DATA

Electrical Data

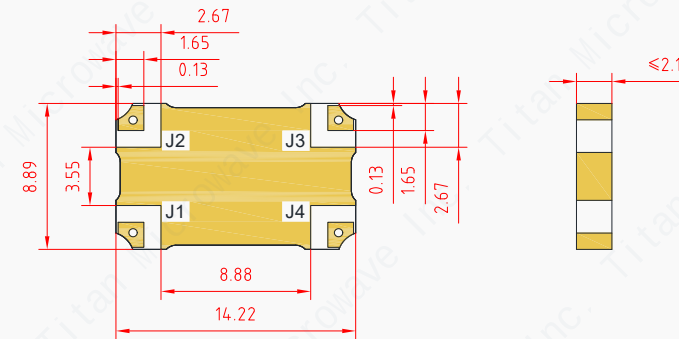
Frequency Range	350~860MHz
Insertion Loss(average)	0.2dB max
VSWR	1.3:1 max
Isolation	18dB min
Phase Balance	±4° max
Amplitude Balance	±0.8dB max@350~410MHz ±0.6dB max@410~860MHz
Power Handling	200W(CW)

Mechanical Data

Dimensions	14.22×8.89×2.1mm 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 Degree Hybrid Coupler, 3dB, 350-860MHz, 200W PART No.: TM010216-3		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)								
APPROVED: C. Chen 16/04/22													
TOLERANCE UNLESS OTHERWISE SPECIFIED													
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°												

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