

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

TECHNICAL DATA

► Electrical Data

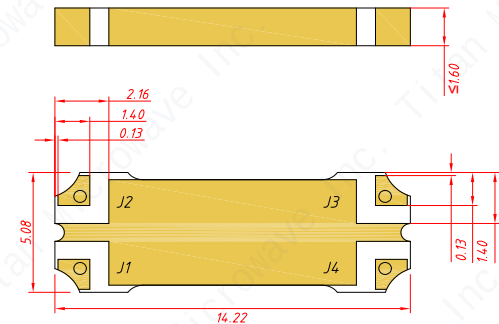
Frequency Range	3~14.5GHz
Insertion Loss(average)	2.0dB max
VSWR	1.7:1 max@3~9GHz, 2.4:1 max@9~14.5GHz
Isolation	16dB min@3~9GHz, 12dB min@9~14.5GHz
Phase Balance	±6° max@3~9GHz, ±8° max@9~14.5GHz
Amplitude Balance	±2.4dB max
Power Handling	20W(CW)

► Mechanical Data

Dimensions	14.22×5.08×1.6mm
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:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. 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, 3-14.5GHz, 20W
PART No.:	TM0352-3

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  DIMENSIONS IN MILLIMETERS(mm)			
SIZE: A4	SCALE:	SHEET: 1/1	REV: A