

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

TECHNICAL DATA

Electrical Data

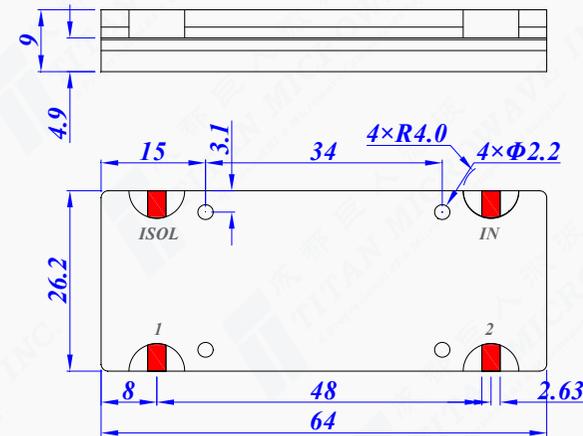
Frequency Range	225~680MHz
Insertion Loss	0.4dB max
VSWR	1.25:1 max
Isolation	20dB min
Phase Balance	±4° max
Amplitude Balance	±0.6dB max
Power Handling	100W

Mechanical Data

Dimensions	64×26.2×9mm max
Connector Type	Microstrip
Surface Finish	Natural Color Conductive Oxidation

Environmental Data

Operating Temperature	-55℃~+85℃
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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 Degree Hybrid
Coupler, 3dB,
225-680MHz, 100W

PART No.:

TM010313-3



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A

Notes:

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