

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/5/14	C. Chen

TECHNICAL DATA

► Electrical Data

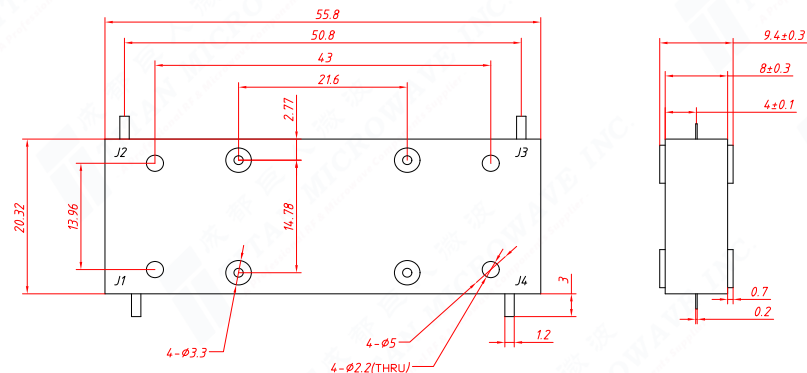
Frequency Range	700~2700MHz
Insertion Loss	≤0.45dB
VSWR	≤1.35:1
Isolation	≥17dB
Phase Balance	≤±6°
Amplitude Balance	≤±0.6dB max
Power Handling	300W(CW)

► Mechanical Data

Dimensions	55.8×20.32×9.4mm
Connector Type	Drop-in
Surface Finish	Natural Color Conductive Oxidation

► 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 14/05/22		
ENGINEER: J. Zhu 14/05/22		
APPROVED: C. Chen 14/05/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Drop-in 90 Degree Hybrid
Coupler, 0.7-2.7GHz,
300W

PART No.:

TMF010309-3



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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