

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

TECHNICAL DATA

► Electrical Data

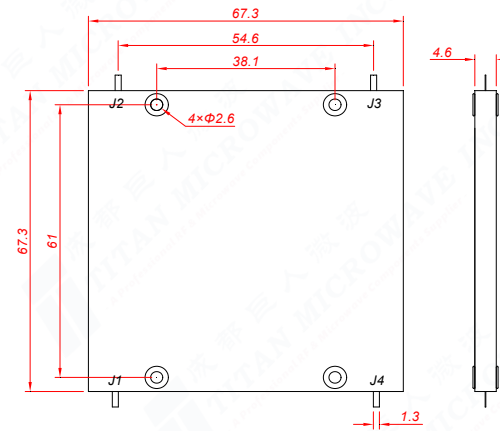
Frequency Range	30~88MHz
Insertion Loss(average)	0.6dB max
VSWR	1.3:1 max
Isolation	16dB min
Phase Balance	±6° max
Amplitude Balance	±1.0dB max
Power Handling	200W(CW)

► Mechanical Data

Dimensions	67.3×67.3×4.6mm
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<0DEG	-3dB<-90DEG	ISOLATION
J2	-3dB<0DEG	-----	ISOLATION	-3dB<-90DEG
J3	-3dB<-90DEG	ISOLATION	-----	-3dB<0DEG
J4	ISOLATION	-3dB<-90DEG	-3dB<0DEG	-----

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° Hybrid
Coupler,
30-88MHz, 200W

PART No.:
TMF010206-3



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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