

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/12/21	C. Chen

TECHNICAL DATA

► Electrical Data

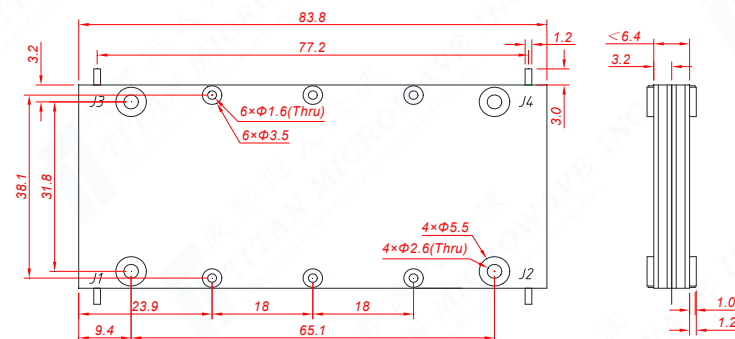
Frequency Range	100-678MHz
Insertion Loss	0.7dB max
VSWR	1.35:1 max
Isolation	18dB min
Amplitude Balance	±1.2dB max
Phase Balance	±5° max
Power Rating	100W(CW)

► Mechanical Data

Connectors	Drop-in
Dimensions	83.8×38.1×6.4mm max (* design assurance)
Surface Finish	Natural Colour Conductive Oxidation

► Environmental Data

Operating Temperature	-55℃~+85℃
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INPUT	J1	J2	J3	J4
J1	-----	ISOLATION	-3dB<0DEG	-3dB<-90DEG
J2	ISOLATION	-----	-3dB<-90DEG	-3dB<0DEG
J3	-3dB<0DEG	-3dB<-90DEG	-----	ISOLATION
J4	-3dB<-90DEG	-3dB<0DEG	ISOLATION	-----

Notes:

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

DRAWN: L. Ma 21/12/22		
ENGINEER: J. Zhu 21/12/22		
APPROVED: C. Chen 21/12/22		
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 Deg. Hybrid
Coupler, 100~678MHz,
100W

PART No.:

TMF010607-3A



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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