

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

TECHNICAL DATA

► Electrical Data

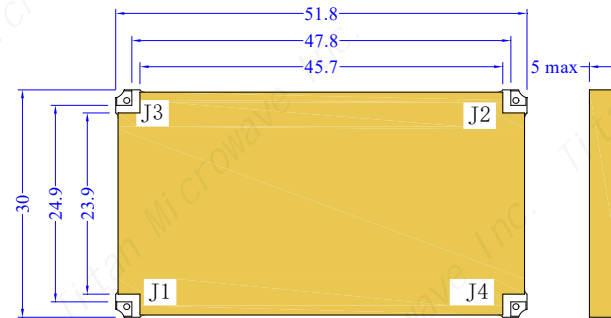
Frequency Range	100~520MHz
Insertion Loss	0.8dB max
VSWR	1.4:1 max
Isolation	15dB min
Phase Balance	±5° max
Amplitude Balance	±1.5dB max@100~130MHz ±1.0dB max@130~520MHz
Power Rating	200W

► Mechanical Data

Dimensions	51.8×30×5mm
Connector Type	Microstrip
Surface Finish	Gold plated

► Environmental Data

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

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:
SMD 3dB 90° High Power
Hybrid Coupler, 100-
520MHz, 200W

PART No.:
TM0188-3-200



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DIMENSIONS IN MILLIMETERS(mm)

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