

TECHNICAL DATA

► Electrical Data

Frequency Range	200~2000MHz
Insertion Loss	0.9dB max
VSWR	1.4:1 max
Isolation	14dB min
Phase Balance	±5° max
Amplitude Balance	±1.0dB max
Power	200W

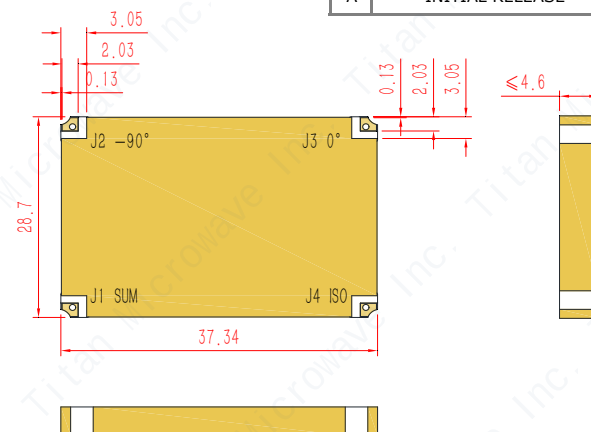
► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	37.34×28.7×4.6mm max

► Environmental Data

Operating Temperature	-55℃~+85℃
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REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/4/12	C. Chen



INPUT	J1	J2	J3	J4
J1	-----	-3dB<-90°	-3dB<0°	ISOLATION
J2	-3dB<-90°	-----	ISOLATION	-3dB<0°
J3	-3dB<0°	ISOLATION	-----	-3dB<-90°
J4	ISOLATION	-3dB<0°	-3dB<-90°	-----

Notes:

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

DRAWN: L. Ma 12/04/23		
ENGINEER: J. Zhu 12/04/23		
APPROVED: C. Chen 12/04/23		
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°
Hybrid Coupler
200~2000MHz
200W

PART No.:

TM010801-3



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DIMENSIONS IN MILLIMETERS(mm)

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