

TECHNICAL DATA

► Electrical Data

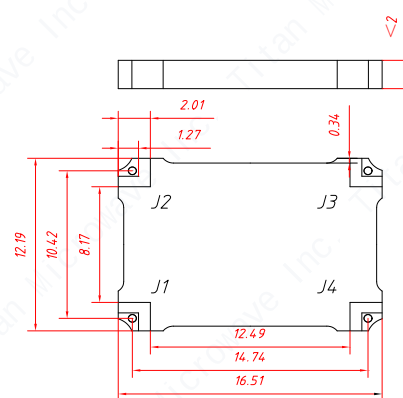
Frequency Range	2000~8000MHz
Insertion Loss	0.6dB max (excluding coupling loss)
VSWR	1.4:1 max
Isolation	18dB min
Phase Balance	±6° max
Amplitude Balance	±0.8dB
Power Handling	100W(CW)

► Mechanical Data

Dimensions	16.51×12.19×2mm
Connector Type	SMD
Surface Finish	Gold Plated

► Environmental Data

Operating Temperature $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$



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

DRAWN: L. Ma 10/06/23		
ENGINEER: J. Zhu 10/06/23		
APPROVED: C. Chen 10/06/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

SMD 90 Degree Hybrid
Coupler, 3dB, 2-8GHz,
100W

PART No.:

TM0123-3T



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:	A
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Notes:

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