

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/16	C. Chen

TECHNICAL DATA

Electrical Data

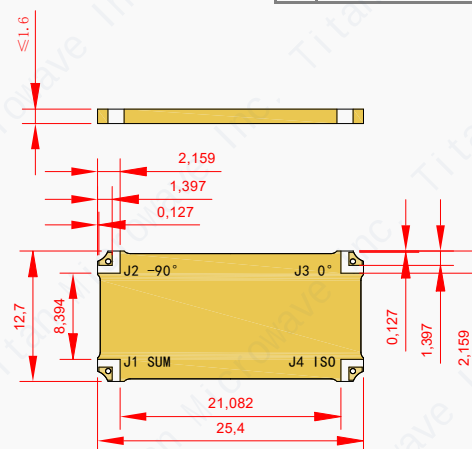
Frequency Range	600~6000MHz
Insertion Loss	1.0dB max
VSWR	1.4:1 typ, 1.55:1 max
Isolation	18dB min
Phase Balance	±6° typ, ±8° max
Amplitude Balance	±1.1dB typ, ±1.2dB max
Power Handling	50W(CW)

Mechanical Data

Dimensions	25.4×12.7×1.6mm max
Connector Type	SMD
Surface Finish	Immersion Gold

Environmental Data

Operating Temperature	-55℃~+85℃
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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 16/04/22		
ENGINEER: J. Zhu 16/04/22		
APPROVED: C. Chen 16/04/22		
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,
600-6000MHz, 50W

PART No.:

TM0156-3



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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