

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

TECHNICAL DATA

► Electrical Data

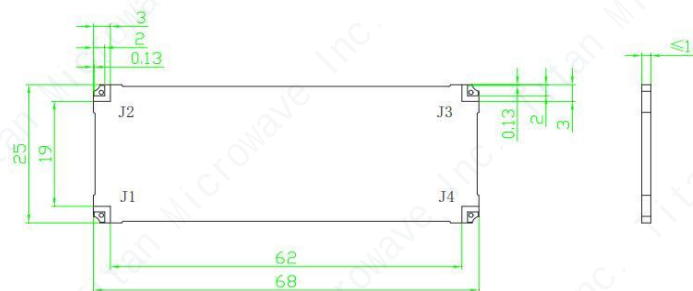
Frequency Range	80~1000MHz
Insertion Loss	1.2dB
VSWR	1.3:1 max
Isolation	18dB min
Phase Balance	±5° max
Amplitude Balance	±1.0dB max
Power Handling	70W(CW)

► Mechanical Data

Dimensions	68×25×1.6mm 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 DEG	-3dB<0 DEG	ISOLATION
J2	-3dB<-90 DEG	----	ISOLATION	-3dB<0 DEG
J3	-3dB<0 DEG	ISOLATION	----	-3dB<-90 DEG
J4	ISOLATION	-3dB<0 DEG	-3dB<-90 DEG	----

Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. 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° Hybrid Coupler,
3dB, 80-1000MHz,
75W

PART No.:

TM0142-3-75



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DIMENSIONS IN MILLIMETERS(mm)

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