

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

TECHNICAL DATA

► Electrical Data

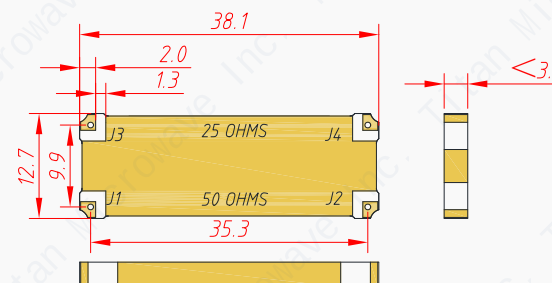
Frequency Range	1000~2500MHz
Insertion Loss(average)	0.5dB max
VSWR	1.35:1 max
Isolation	16dB min
Phase Balance	±5° max
Amplitude Balance	±0.8dB max
Power Handling	200W(CW)

► Mechanical Data

Dimensions	38.1×12.7×3mm max
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+85℃
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Port Configuration				
INPUT	J1	J2	J3	J4
J1,50Ω	-----	Isolation	-3dB<0°	-3dB<-90°
J2,50Ω	Isolation	-----	-3dB<-90°	-3dB<0°
J3,25Ω	-3dB<0°	-3dB<-90°	-----	Isolation
J4,25Ω	-3dB<-90°	-3dB<0°	Isolation	-----

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, 1-2.5GHz,
200W

PART No.:

TM0138-3-25



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DIMENSIONS IN MILLIMETERS(mm)

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