

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

TECHNICAL DATA

► Electrical Data

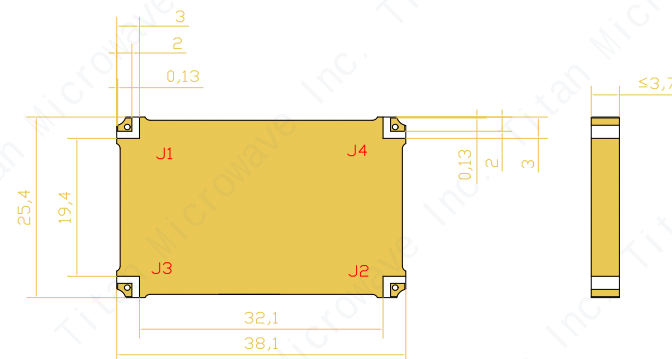
Frequency Range	20~520MHz
Insertion Loss	0.25dB max
VSWR(main line)	1.25:1 max
Coupling	50±1.5dB
Coupling Flatness	±0.8dB max
Directivity	17dB min
Power(main line)	300W(CW) max

► Mechanical Data

Dimensions	38.1×25.4×3.7mm max
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+85℃
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IN	OUT	Forward Coupled	Reflected Coupled
J1	J2	J3	J4
J2	J1	J4	J3

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 Directional Coupler,
50dB, 20-520MHz,
300W

PART No.:

TM010T11-50



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DIMENSIONS IN MILLIMETERS(mm)

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