

TECHNICAL DATA

► Electrical Data

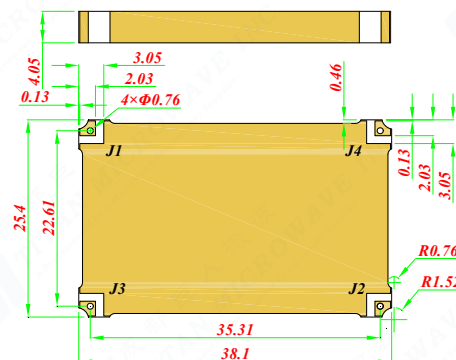
Frequency Range	100~400MHz
Coupling	40±1.0dB max
Coupling Flatness	±1.0dB max
Insertion Loss	0.25dB max
VSWR(Primary Line)	1.25:1 max
Directivity	16dB min
Main Line Power	400W(CW) max

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	38.1×25.4×4.05mm

► Environmental Data

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



<i>IN</i>	<i>OUT</i>	<i>Forward Coupled</i>	<i>Reflected Coupled</i>
<i>J1</i>	<i>J2</i>	<i>J3</i>	<i>J4</i>
<i>J2</i>	<i>J1</i>	<i>J4</i>	<i>J3</i>

Notes:

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

DRAWN: L. Ma 12/04/23		
ENGINEER: J. Zhu 12/04/23		
APPROVED: C. Chen 12/04/23		
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,
100~400MHz, 400W, 40dB

PART No.:

TM0188-40A



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1

REV:	A
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