

TECHNICAL DATA

► Electrical Data

Frequency Range	420~610MHz
Insertion Loss	0.1dB max
VSWR	1.15:1 max
Coupling	27±1.2dB
Directivity	25dB min
Power(main line)	100W(CW)

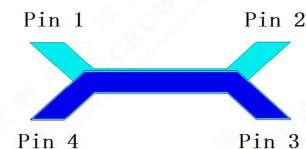
► Mechanical Data

Dimensions	10.16×5.08×2.0mm
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+105℃
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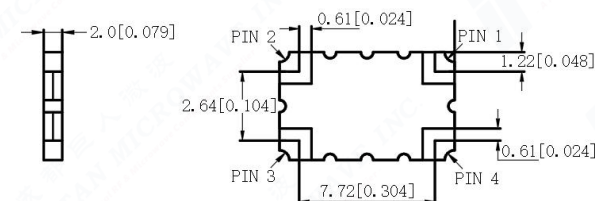
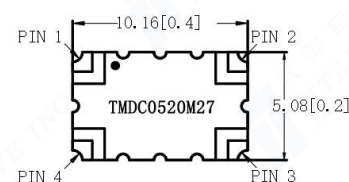
Pin Configuration



Top View

Side View

Bottom View



Pin 1	Pin 2	Pin 3	Pin 4
Input	Transmission	Isolate	Coupling
Transmission	Input	Coupling	Isolate

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,
420~610MHz, 27dB,
100W

PART No.:

TMDC0520M27



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DIMENSIONS IN MILLIMETERS(mm)

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