

TECHNICAL DATA

► Electrical Data

Frequency Range	800~2650MHz
Insertion Loss	0.15dB max
VSWR	1.25:1 max
Coupling	12±2.5dB
Directivity	20dB min
Power Handling	100W(CW)

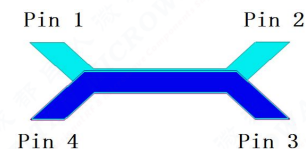
► Mechanical Data

Dimensions	14.22×5.08×2.0mm
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

Operating Temperature	-55℃~+105℃
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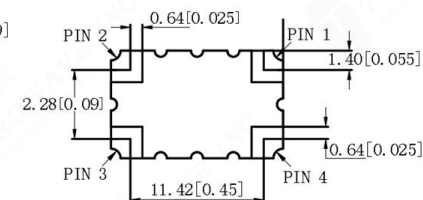
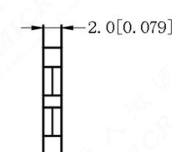
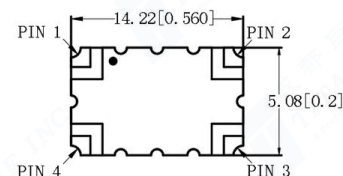
Pin Configuration



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,
800~2650MHz,
10dB, 100W

PART No.:

TMDC1900E10



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A