

TECHNICAL DATA

► Electrical Data

Frequency Range	2300~2700MHz
Insertion Loss	0.15dB max
VSWR	1.1:1 max
Isolation	30dB min
Phase Balance	$\pm 1.5^\circ$
Amplitude Balance	± 0.1 dB max
Power Handling	200W

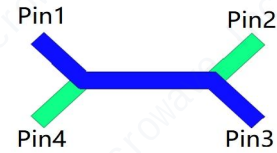
► Mechanical Data

Dimensions	14.22×5.08×2mm
Connector Type	SMD
Surface Finish	Immersion Gold
	-Prevent surface from oxidation and scratch

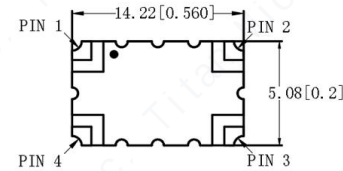
► Environmental Data

Operating Temperature	-55℃~+105℃
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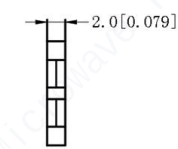
Pin Configuration



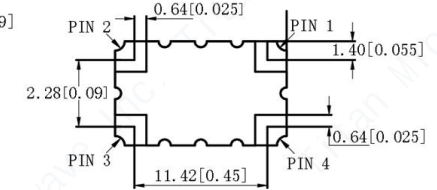
Top View



Side View



Bottom View



Configuration	Pin 1	Pin 2	Pin 3	Pin 4
Splitter	Input	Isolated	-3dB $\angle$ 0-90°	-3dB $\angle$ 0
Splitter	Isolated	Input	-3dB $\angle$ 0	-3dB $\angle$ 0-90°
Splitter	-3dB $\angle$ 0-90°	-3dB $\angle$ 0	Input	Isolated
Splitter	-3dB $\angle$ 0	-3dB $\angle$ 0-90°	Isolated	Input
Combiner	A $\angle$ 0-90°	A $\angle$ 0	Isolated	Output
Combiner	A $\angle$ 0	A $\angle$ 0-90°	Output	Isolated
Combiner	Isolated	Output	A $\angle$ 0-90°	A $\angle$ 0
Combiner	Output	Isolated	A $\angle$ 0	A $\angle$ 0-90°

Notes:

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

DRAWN: L. Ma 22/11/22
ENGINEER: J. Zhu 22/11/22
APPROVED: C. Chen 22/11/22
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ±0.50 [0.019"]
.x ±0.20 [0.008"]
.xx ±0.10 [0.004"]
ANGLES ±1°

TITLE:
SMD 3dB 90° High Power Hybrid Coupler, 2300~2700MHz, 200W
PART No.:
TMHC2500E03

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 DIMENSIONS IN MILLIMETERS(mm)			
SIZE: A4	SCALE:	SHEET: 1/1	REV: A