

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/12/21	C. Chen

TECHNICAL DATA

► Electrical Data

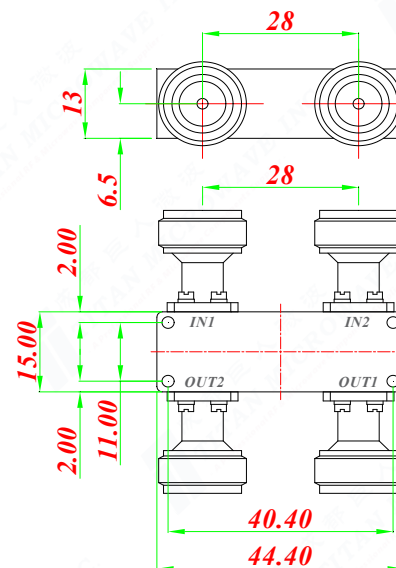
Frequency Range	4000~12000MHz
Insertion Loss(average)	1.0dB max
VSWR	1.7:1 max
Isolation	16dB min
Amplitude Balance	±0.7dB max
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	100W(CW)

► Mechanical Data

Connectors	N-Female
Dimensions	44.4×15×13mm
Surface Finish	Natural Color Conductive Oxidation

► Environmental Data

Operating Temperature	-55℃~+85℃
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	OUT1	OUT2
IN1	0°	90°
IN2	90°	0°

Notes:

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

DRAWN: L. Ma 21/12/22
ENGINEER: J. Zhu 21/12/22
APPROVED: C. Chen 21/12/22
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ±0.50 [0.019"]
.x ±0.20 [0.008"]
.xx ±0.10 [0.004"]
ANGLES ±1°

TITLE:

3dB 90° Hybrid Coupler,
4000~12000MHz, 100W,
N-Female

PART No.:

TMHC90-04001200-100N



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DIMENSIONS IN MILLIMETERS(mm)

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