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

TECHNICAL DATA

▶ Electrical Data

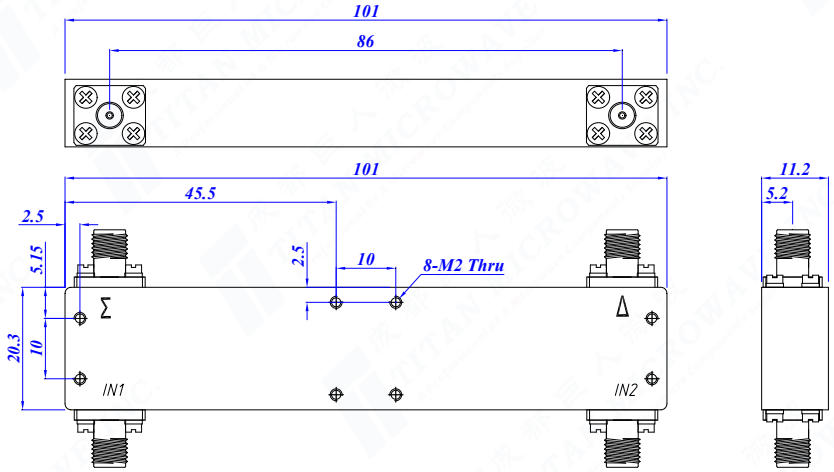
Frequency Range	4400~7390MHz
Insertion Loss(average)	0.8dB max
VSWR	1.4:1 max
Isolation	14dB min
Amplitude Balance	±0.3dB max
Phase Balance	±4°
Impedance	50 Ohms
Power Rating	50W

▶ Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	101×20.3×11.2mm
Surface Finish	Natural Color Conductive Oxidation

▶ Environmental Data

Operating Temperature	-55℃~+85℃



Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. 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 180° Hybrid Coupler, 4400~7390MHz, 50W, SMA-Female

PART No.:

TMHC180-04400739-50S

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DIMENSIONS IN MILLIMETERS(mm)

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