

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

TECHNICAL DATA

► Electrical Data

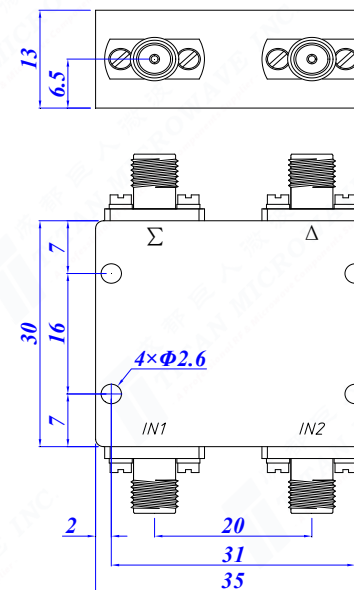
Frequency Range	5.85~8.2GHz
Insertion Loss(average)	0.8dB max
VSWR	1.6:1 max
Isolation	15dB min
Amplitude Balance	±0.6dB max
Phase Balance	±6°
Impedance	50 Ohms
Power Rating	100W

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	35×30×13mm
Surface Finish	Natural Color Conductive Oxidation

► Environmental Data

Operating Temperature	-55℃~+85℃
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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 180° Hybrid Coupler,
5.85~8.2GHz, 100W,
SMA-Female

PART No.:

TMHC180-05850820-100S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A