

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

TECHNICAL DATA

► Electrical Data

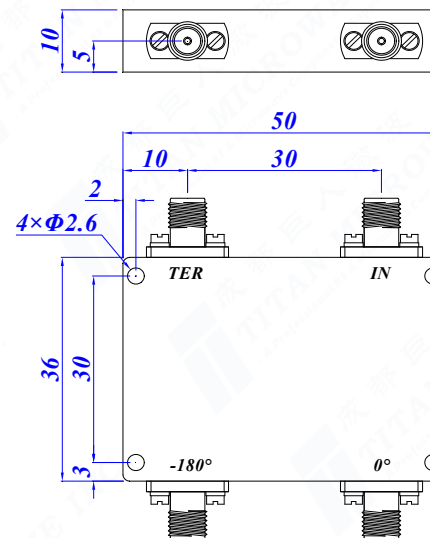
Frequency Range	8000~8500MHz
Insertion Loss	0.8dB max
VSWR	1.5:1 max
Isolation	18dB min
Amplitude Balance	±0.5dB max
Phase Balance	±5° max
Impedance	50 Ohms
Power Rating	1W

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	50×36×10mm
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			TITLE: 3dB 180° Hybrid Coupler, 8000~8500MHZ, 1W, SMA-Female		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -							
ENGINEER: J. Zhu 21/12/22					www.titan-microwave.com							
APPROVED: C. Chen 21/12/22												
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMHC180-08000850-1S		 DIMENSIONS IN MILLIMETERS(mm)							
x ±0.50 [0.019"]					SIZE: A4		SCALE:		SHEET: 1/1		REV: A	
.x ±0.20 [0.008"]												
.xx ±0.10 [0.004"]												
ANGLES ±1°												

x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	