

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/1/3	C. Chen

## TECHNICAL DATA

### ► Electrical Data

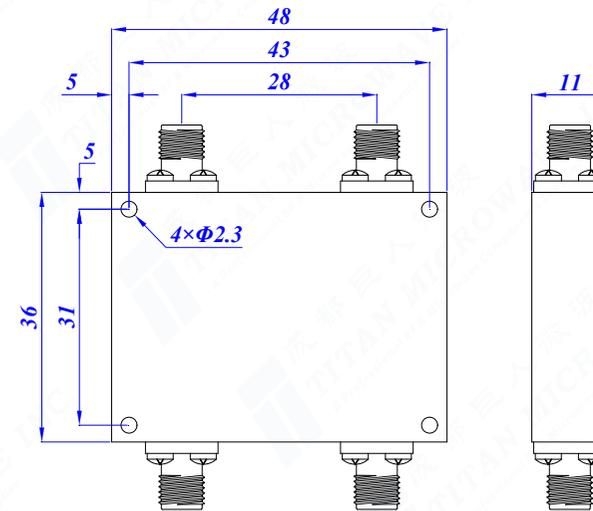
Frequency Range	15~17GHz
Insertion Loss(average)	1.2dB max
VSWR	1.5:1 max
Isolation	16dB min
Amplitude Balance	±0.4dB max
Phase Balance	±5° max
Impedance	50 Ohms
Power Rating	50W(CW)

### ► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	48×36×11mm
Surface Finish	Gray Painted

### ► Environmental Data

Operating Temperature	-55℃~+85℃
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DRAWN: L. Ma 3/1/25		
ENGINEER: J. Zhu 3/1/25		
APPROVED: C. Chen 3/1/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

**TITLE:**  
180 Deg. Hybrid Coupler,  
15~17GHz, 50W,  
SMA-Female



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DIMENSIONS IN MILLIMETERS(mm)

**PART No.:**  
TMHC180-15001700-50S

**SIZE:**  
A4

**SCALE:**

**SHEET:**  
1/1

**REV:**  
A

#### Notes:

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