

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

TECHNICAL DATA

► Electrical Data

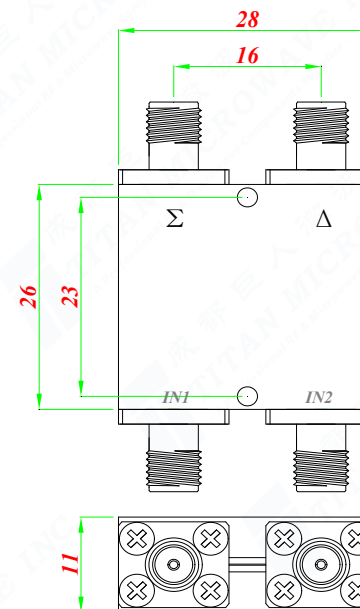
Frequency Range	4000~8000MHz
Insertion Loss	0.6dB max
VSWR	1.6:1 max
Isolation	20dB min
Amplitude Balance	±0.5dB max
Phase Balance	±8° max
Impedance	50 Ohms
Power Rating	50W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	28×26×11mm
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, 4000~8000MHz, 50W, SMA-Female		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com				
ENGINEER: J. Zhu 21/12/22									
APPROVED: C. Chen 21/12/22			PART No.: TMHC180-04000800-S50		 DIMENSIONS IN MILLIMETERS(mm) SIZE: A4 SCALE: SHEET: 1/1 REV: A				
TOLERANCE UNLESS OTHERWISE SPECIFIED									
x	±0.50	[0.019"]							
.x	±0.20	[0.008"]							
.xx	±0.10	[0.004"]							
ANGLES	±1°								