

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

TECHNICAL DATA

► Electrical Data

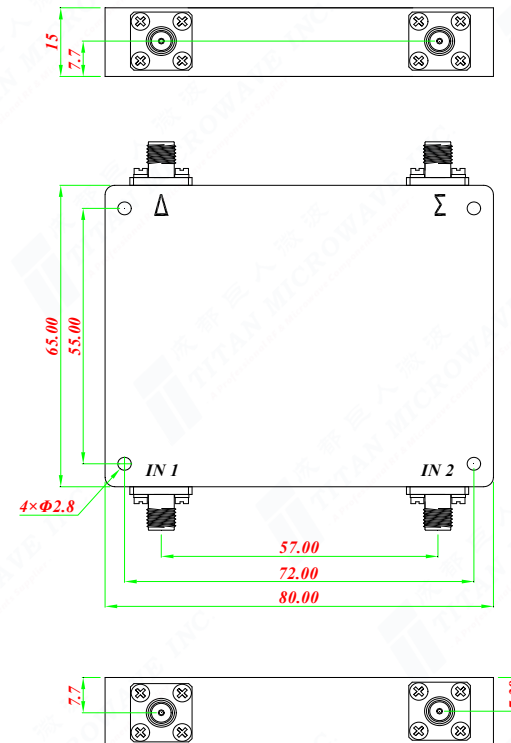
Frequency Range	1100~1700MHz
Insertion Loss(average)	0.6dB max
VSWR	1.4:1 max
Isolation	17dB min
Amplitude Balance	±0.35dB max
Phase Balance	±4° max
Impedance	50 Ohms
Power Rating	20W

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	80×65×15mm
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, 1100~1700MHZ, 20W, 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								
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMHC180-01100170-20S		DIMENSIONS IN MILLIMETERS(mm) SIZE: A4SCALE: SHEET: 1/1REV: A			
x ±0.50 [0.019"]								
.x ±0.20 [0.008"]								
.xx ±0.10 [0.004"]								
ANGLES ±1°								

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ANGLES	±1°	