

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

TECHNICAL DATA

► Electrical Data

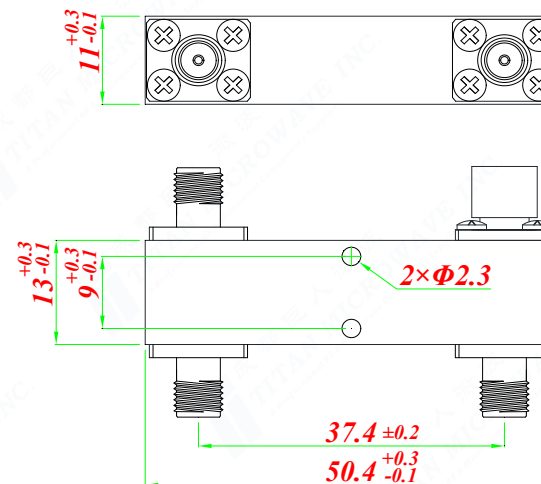
Frequency Range	1000~2000MHz
Insertion Loss(average)	0.2dB max
VSWR	1.2:1 max
Isolation	22dB min
Amplitude Balance	±0.5dB
Phase Balance	±2°
Impedance	50 Ohms
Power Rating	50W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	50.4×13×11mm
Surface Finish	Gray Painted

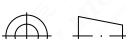
► Environmental Data

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 90° Hybrid Coupler, 1000~2000MHz, 50W, 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.: TMHC90-01000200-S50	 DIMENSIONS IN MILLIMETERS(mm)			
x	±0.50	[0.019"]					
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						
			SIZE: A4	SCALE:	SHEET: 1/1	REV: A	