

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

## TECHNICAL DATA

### Electrical Data

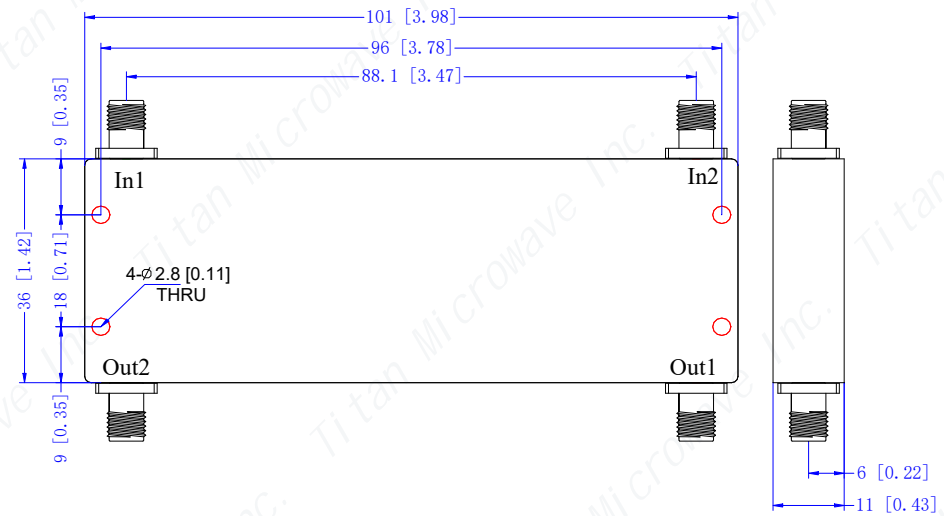
Frequency Range	1~7GHz
Insertion Loss	1.0dB max
VSWR	1.40:1 max
Isolation	18dB min
Amplitude Balance	±0.4dB max
Phase Balance	±4°
Impedance	50 Ohms
Power Rating(CW)	30W

### Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	101×36×11mm
Surface Finish	Black Painted

### Environmental Data

Operating Temperature	-40℃~+70℃
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DRAWN: L. Ma 21/12/22		
ENGINEER: J. Zhu 21/12/22		
APPROVED: C. Chen 21/12/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

**TITLE:**  
3dB 90 Deg. Hybrid  
Coupler, 1~7GHz, 30W,  
SMA-Female



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DIMENSIONS IN MILLIMETERS(mm)

**PART No.:**  
TMHC90-01000700-30S

**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