

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/6/6	C. Chen

TECHNICAL DATA

► Electrical Data

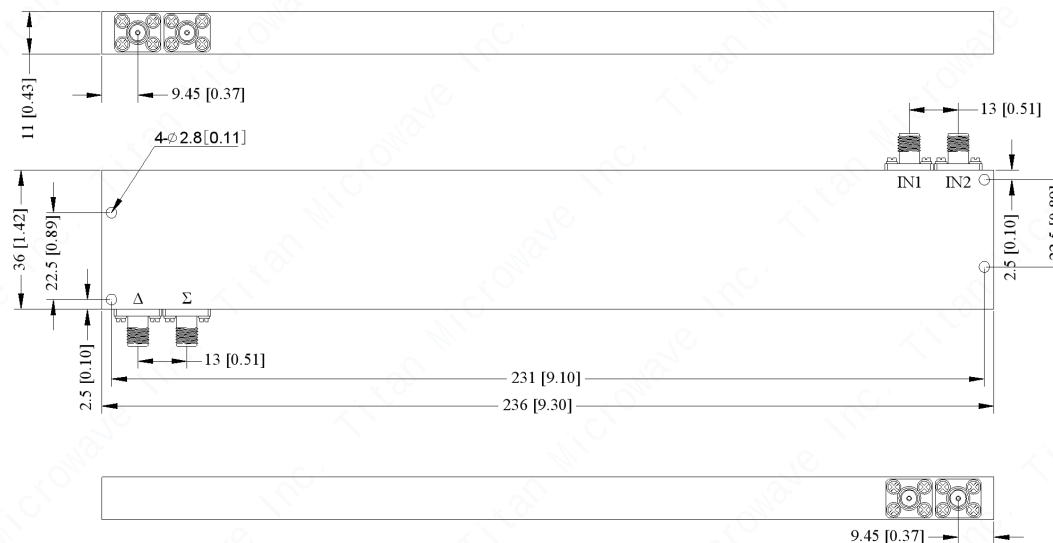
Frequency Range	0.5~7.2GHz
Insertion Loss	3.6dB max
VSWR	1.8:1 max
Isolation	15dB min
Amplitude Balance	±1.5dB max
Phase Balance	±15°
Average Power	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	236×36×11mm
Connectors	SMA-Female
Surface Finish	Black/Gray Painted

► Environmental Data

Operating Temperature	-40℃~+80℃
Storage Temperature	-45℃~+85℃



Notes:

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

DRAWN: L. Ma 06/06/25	TITLE: 180° Hybrid Coupler, 0.5~7.2GHz, 30W SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -		
ENGINEER: J. Zhu 06/06/25				
APPROVED: C. Chen 06/06/25		www.titan-microwave.com		
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.: TMHC180-00500720-30S	 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