

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/9/16	C. Chen

TECHNICAL DATA

► Electrical Data

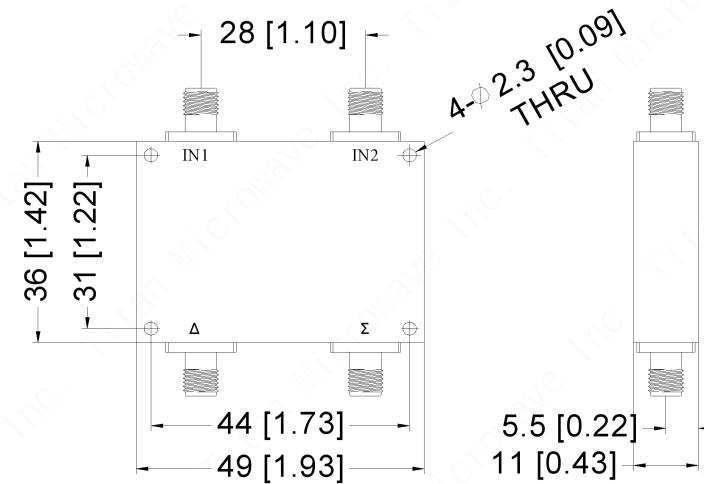
Frequency Range	4800~5200MHz
Insertion Loss	0.6dB max
Nominal Split	3.01dB typ
VSWR	1.5:1 max
Isolation	18dB min
Amplitude Balance	±0.5dB max
Phase Balance	±6°
Average Power	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	49×36×11mm
Connectors	SMA-Female
Surface Finish	Conductive Oxidation

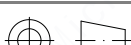
► Environmental Data

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



Notes:

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

DRAWN: L. Ma 16/09/25			TITLE: 180° Hybrid Coupler, 4800~5200MHZ, 30W SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -		
ENGINEER: J. Zhu 16/09/25						
APPROVED: C. Chen 16/09/25				www.titan-microwave.com		
TOLERANCE UNLESS OTHERWISE SPECIFIED						
x	±0.50	[0.019"]	PART No.: TMHC180-04800520-30S	 DIMENSIONS IN MILLIMETERS(mm)		
.x	±0.20	[0.008"]				
.xx	±0.10	[0.004"]				
ANGLES	±1°					
			SIZE:	SCALE:	SHEET:	REV:
			A4		1/1	A