

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

TECHNICAL DATA

► Electrical Data

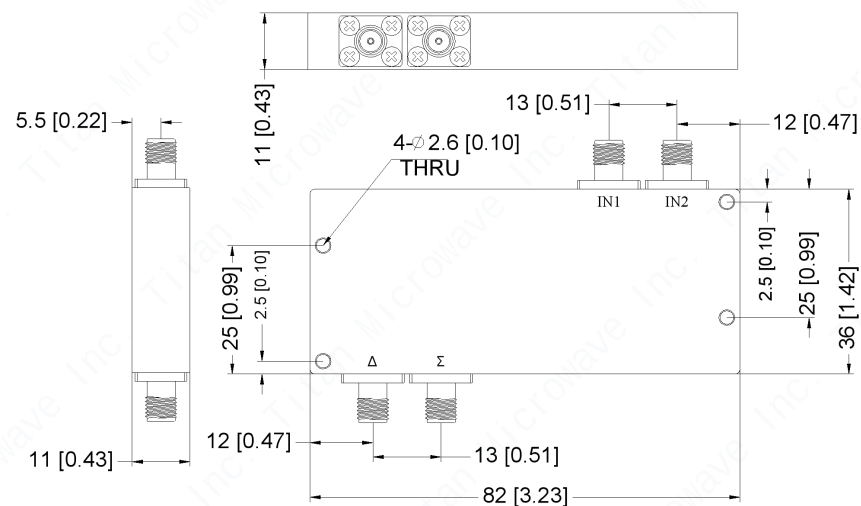
Frequency Range	2~8GHz
Insertion Loss	1.6dB max
VSWR	1.7:1 max
Isolation	15dB min
Amplitude Balance	±0.9dB max
Phase Balance	±10°
Average Power	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	82×36×11mm
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		
ENGINEER: J. Zhu 06/06/25		
APPROVED: C. Chen 06/06/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

180° Hybrid Coupler,
2~8GHz, 30W
SMA-Female

PART No.:

TMHC180-02000800-30S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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