

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

TECHNICAL DATA

► Electrical Data

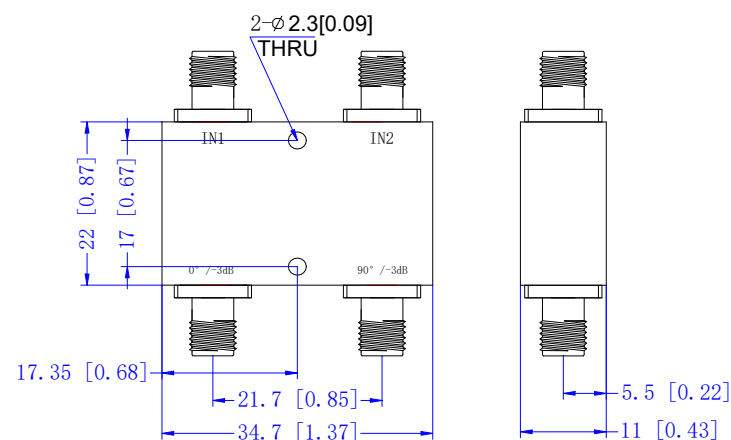
Frequency Range	7900~8500MHz
Insertion Loss	0.8dB max
Nominal Split	3.01dB typ
VSWR	1.4:1 max
Isolation	18dB min
Amplitude Balance	±0.5dB max
Phase Balance	±3°
Average Power	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	34.7×22×11mm
Connectors	SMA-Female
Surface Finish	Conductive Oxidation

► 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 16/09/25
ENGINEER: J. Zhu 16/09/25
APPROVED: C. Chen 16/09/25
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ±0.50 [0.019"]
.x ±0.20 [0.008"]
.xx ±0.10 [0.004"]
ANGLES ±1°

TITLE:

90° Hybrid Coupler,
7900~8500MHz, 30W
SMA-Female

PART No.:

TMHC90-07900850-30S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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