

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/10/9	C. Chen

TECHNICAL DATA

► Electrical Data

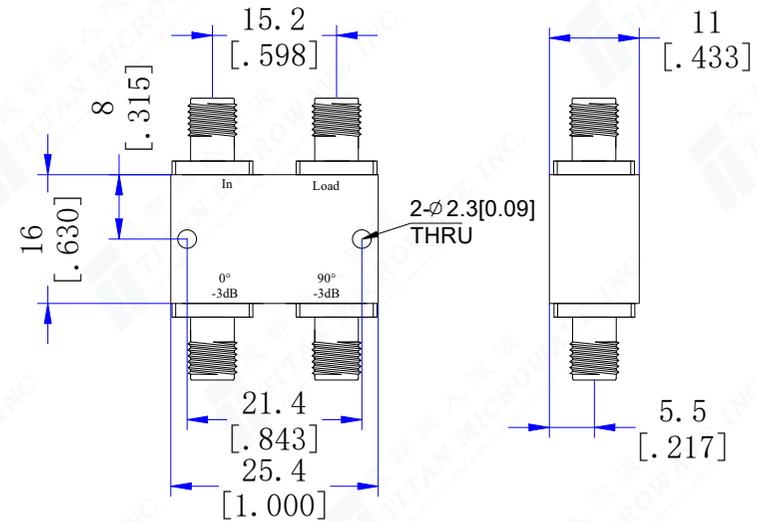
Frequency Range	18000~40000MHz
Insertion Loss	2.2dB max
VSWR	1.8:1 max
Isolation	12dB min
Amplitude Balance	±0.7dB max
Phase Balance	±10°
Power Rating	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	25.4×16×11mm
Connectors	2.92mm-Female
Surface Finish	Black/Gray Painted

► Environmental Data

Operating Temperature	-45℃~+85℃
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DRAWN: L. Ma 09/10/25		
ENGINEER: J. Zhu 09/10/25		
APPROVED: C. Chen 09/10/25		
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,
18~40GHz, 30W
2.92mm-Female

PART No.:
TMHC90-18004000-30K

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DIMENSIONS IN MILLIMETERS(mm)

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

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