

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2024/8/16	C. Chen

TECHNICAL DATA

► Electrical Data

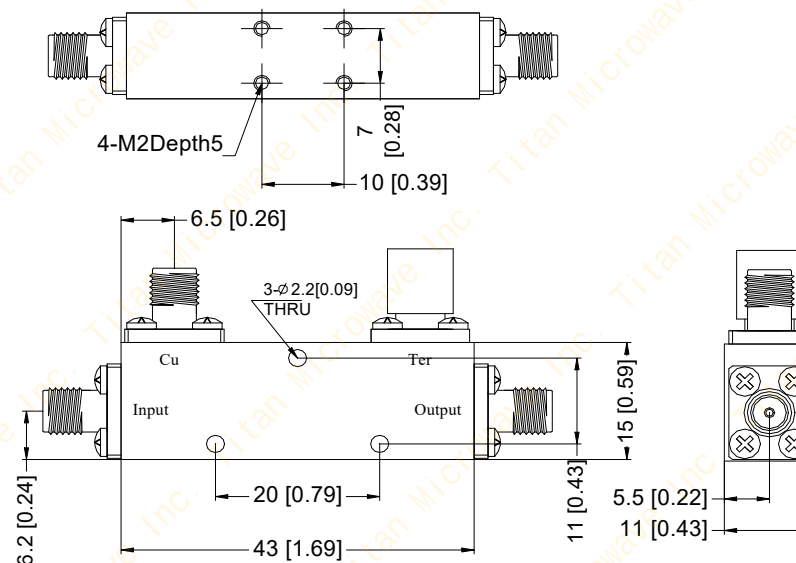
Frequency Range	2000~18000MHz
Nominal Coupling	10±1.0dB max
Insertion Loss	1.0dB max
Main Line VSWR	1.5:1 max
Coupled Line VSWR	1.5:1 max
Frequency Sensitivity	±0.9dB typ, ±1.0dB max
Directivity	12dB min
Impedance	50 Ohms
Average Power	30W

► Mechanical Data

Input/Output Connectors	SMA-Female
Housing Material	Aluminum 6061
Surface Finish	Conductive Oxidation
Dimensions	43×15×11mm

► Environmental Data

Operating Temperature	-45℃~+85℃
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Notes:

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

DRAWN: L. Ma 16/08/24		
ENGINEER: J. Zhu 16/08/24		
APPROVED: C. Chen 16/08/24		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Directional Coupler,
2-18GHz, Coupling 10dB,
30W, SMA-Female

PART No.:

TMDC-02001800-10S30



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A