

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/9/18	C. Chen

TECHNICAL DATA

► Electrical Data

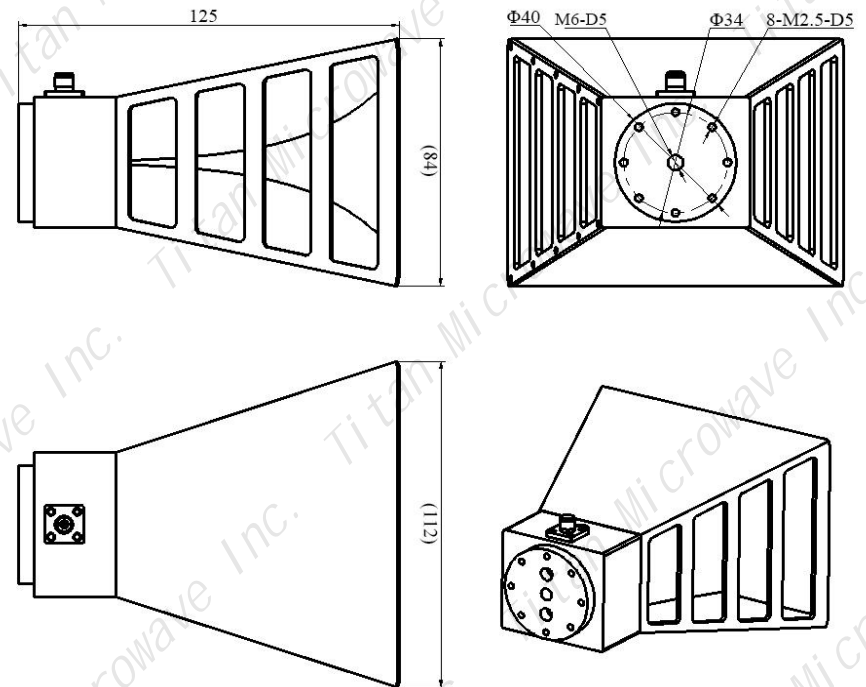
Frequency Range	2~18GHz
Gain	10dBi typ
VSWR	2.0:1 typ
3dB Beam Width	15°~100°
Power Handling(design assurance)	50W typ
Polarization	Linear

► Mechanical Data

Dimensions	125×84×112mm
Connector	SMA-Female
Surface Treatment	Natural Color Conductive Oxidation
Weight	400g

► Environmental Data

Operating Temperature	-25°C~+55°C(design assurance)
Storage Temperature	-45°C~+75°C(design assurance)



Notes:

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

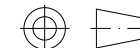
DRAWN: L. Ma 18/09/23		
ENGINEER: J. Zhu 18/09/23		
APPROVED: C. Chen 18/09/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
 Double Ridged Horn
 Antenna, 2-18GHz, Gain
 10dBi typ, Linear, 50W,
 SMA-Female

PART No.:
 TMDRHA-02001800-10S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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