

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/5/9	C. Chen

## TECHNICAL DATA

### ► Electrical Data

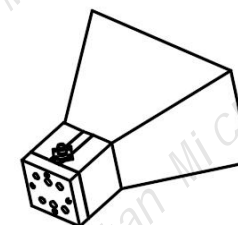
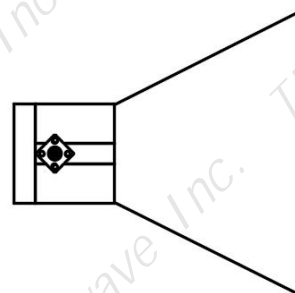
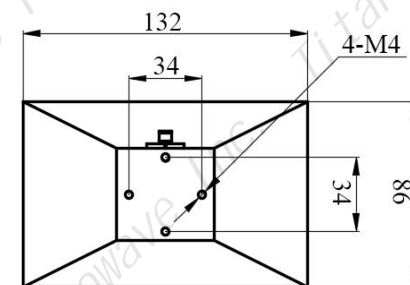
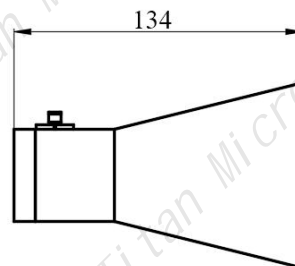
Frequency Range	3~15GHz
Gain	10dBi typ
VSWR	2.0:1 typ
Polarization	Linear
Power Handling(design assurance)	20W

### ► Mechanical Data

Dimensions	132×86×134mm
Connector	SMA-Female
Surface Treatment	Grey Painted
Weight	0.5kg

### ► Environmental Data

Operating Temperature	-25℃~+45℃(design assurance)
Storage Temperature	-45℃~+75℃(design assurance)



#### Notes:

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

DRAWN: L. Ma 09/05/23		
ENGINEER: J. Zhu 09/05/23		
APPROVED: C. Chen 09/05/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

#### TITLE:

Broadband Horn Antenna,  
3-15GHz, Gain 10dBi typ,  
Linear, 20W, SMA-Female

#### PART No.:

TMBDHA-03001500-10S



[www.titan-microwave.com](http://www.titan-microwave.com)



DIMENSIONS IN MILLIMETERS(mm)

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