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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	
A		UPDATE SPEC.	3/14/22	WX/LL1

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SPECIFICATIONS:

Material:

Stickers	PC	Black
Main body	165mm	Black
Base	∅46.5mm	Black
RG174Cable	RG174Cable,2150mm	Black
SMA	SMA-M	Gold

Electrical:

Standards	4G/3G/2G/NB-IoT/CAT M1	
Frequency range(MHz)	824~960MHz	1710~2690MHz
Peak Gain	-0.5~1.5dBi	-0.5~0.5dBi
Average Gain(dB)	-3.9~-2.9dB	-7.5~-5.2dB
VSWR	<2.5	<3.0
Return Loss	<-7.0	<-6.0
Efficiency (%)	40~51%	18~30%
Polarization mode	Linear	
Radiation pattern	Omni-Directional	
Output impedance	50	
Max.Input Power(W)	5	



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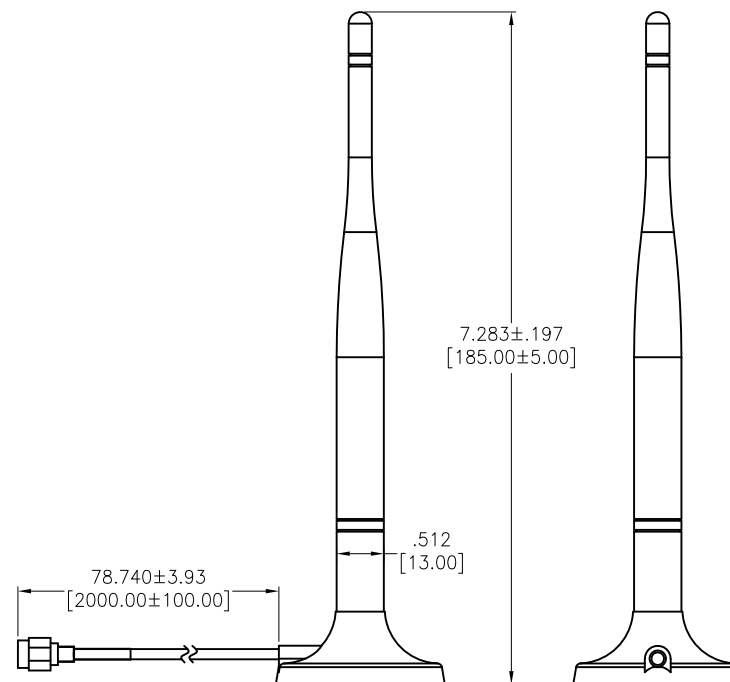
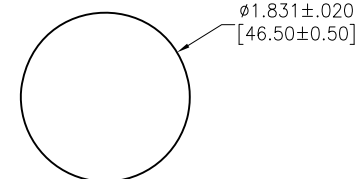
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Mechanical:

Mounting Type	Magnetic
Connector Type	SMA Male+2M Cable
Antenna size(mm)	∅46.5mm*185mm
Material	ABS+PC
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C

Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED			ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710															
<table border="1"> <thead> <tr> <th colspan="2">INCHES</th> <th colspan="2">HOLES</th> </tr> </thead> <tbody> <tr> <td>.x</td> <td>±.10</td> <td>∅.x</td> <td>±.10</td> </tr> <tr> <td>.xx</td> <td>±.020</td> <td>∅.xx</td> <td>±.015</td> </tr> <tr> <td>.xxx</td> <td>±.015</td> <td>∅.xxx</td> <td>±.010</td> </tr> </tbody> </table>					INCHES		HOLES		.x	±.10	∅.x	±.10	.xx	±.020	∅.xx	±.015	.xxx	±.015
INCHES		HOLES																
.x	±.10	∅.x	±.10															
.xx	±.020	∅.xx	±.015															
.xxx	±.015	∅.xxx	±.010															
DRAWN	WX	12/15/21	TITLE															
CHECKED	RC	12/15/21	4G&3G&2G EXTERNAL SUCKER MAGNETS ANTENNA															
APPROVED			SIZE	PART NO.														
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH			X	ANT-19031EB78														
			REF: S00207C	SHEET 1 OF 1														

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