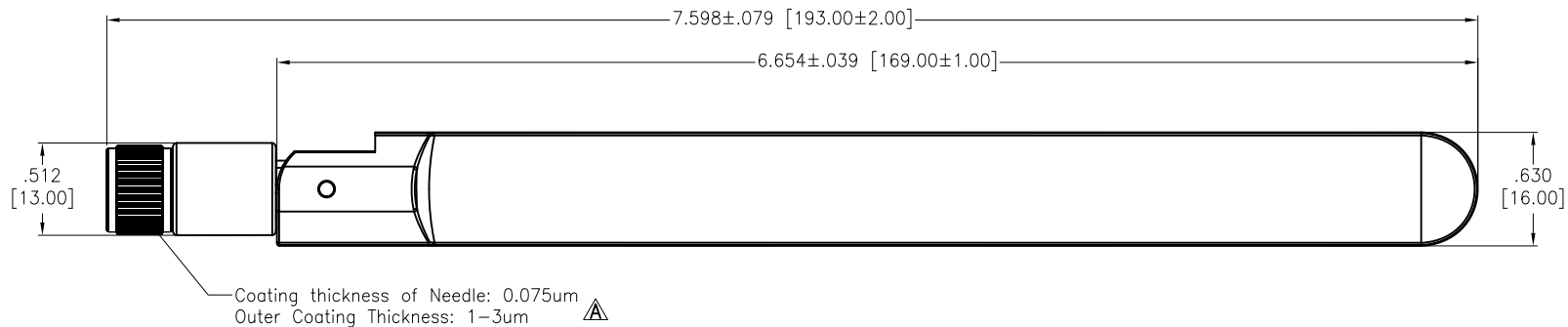


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	
A		ADDED SPEC.	8/11/22	LH/TW



SPECIFICATIONS:

Material:

Rod set	ABS+PC	Black
The rivet	POM	Black
The solid	ABS	Black

Electrical:

Standards	5G&4G&3G&2G/NB-Lot/CAT M1		
Frequency range(MHz)	600~960MHz	1400~2700MHz	3000~6000MHz
Peak Gain	-3.0~4.5dBi	0.5~5.0dBi	1.0~6.0dBi
Average Gain(dB)	-7.0~-2.2dB	-5.7~-1.0dB	-6.0~-1.7dB
VSWR	<5.0	<4.0	<4.0
Return Loss	<-3.5	<-5.0	<-5.0
Efficiency (%)	20.0~60.0	27.0~79.0	25.0~68.0
Polarization mode	Linear		
Radiation pattern	Omni-Directional		
Output impedance	50		
Max.Input Power(W)	5		

Mechanical:

Mounting Type	Connector Mount
Connector Type	SMA-Male
Antenna size(mm)	193.00xø13.00
Material	ABS
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

INCHES		HOLES	
.x	±.10	Øx	±.10
.xx	±.020	Øxx	±.015
.xxx	±.015	Øxxx	±.010

**ADAM
TECH**

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 Fax: 908-687-5710

DRAWN	WX	12/15/21
CHECKED	RC	12/15/21
APPROVED		

TITLE
**2G 3G 4G 5G LPWA EXTERNAL ANTENNA,
 TILT WITH SMA MALE**

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

SIZE X	PART NO. ANT-20228WB56	REV. A
REF: S00207C	SCALE: NTS	SHEET 1 OF 1