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APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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

D

D

SPECIFICATIONS:  
 Electrical:

C

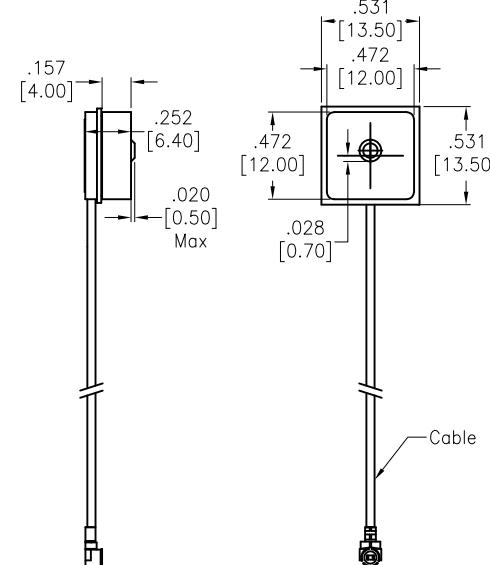
C

Standards	GPS/GLONASS	
Frequency range(MHz)	1575MHz	1609MHz
Peak Gain	2.04dBi	2.23dBi
Average Gain(dB)	-3.6dB	-3.4dB
VSWR	1.23	1.34
Return Loss	-19.61	-16.73
Efficiency (%)	43.3%	45.7%
Polarization mode	Circular polarization	
Radiation pattern	Hemispherical	
Voltage Range (V)	1.8~3.6V	
Active Gain (dB)	25	
Noise Figure (dB)	1.5	
Current Consumption (mA)	20	
Power Consumption (mA)	100	

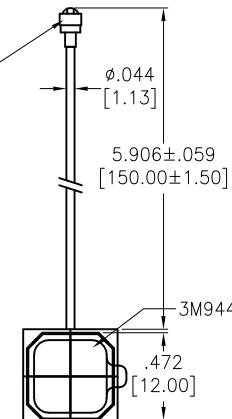
Mechanical:

Mounting Type	Adhesive	
Antenna Type	3M9448A	
Connector Type	U.FL Standard	
Antenna size(mm)	12mm(L)X12mm(W)X4.4mm(H)	
Material	Ceramic	
Cable length(mm)	150mm	
Operating Temperature	-40°C~+85°C	
Storage Temperature	-40°C~+85°C	

Environmental:  
 Lead free, RoHS compliant.



▲ All over Nickel 1.0um min  
 Contact Part Gold 0.05um min



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS  
 ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES	HOLE
.X ± .10	Ø X ± .10
.XX ± .020	Ø XX ± .015
.XXX ± .015	Ø XXX ± .010

DRAWN      WX      12/22/21

CHECKED      RC      12/22/21

APPROVED

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

**ADAM**  
**TECH**

909 Rahway Avenue,  
 Union, NJ 07083  
 Phone: 908-687-5000  
 Fax: 908-687-5710

TITLE		REV.
SIZE	PART NO.	
X	ANT-190751B93	A
REF: S00207C	SCALE: NTS	SHEET 1 OF 1

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