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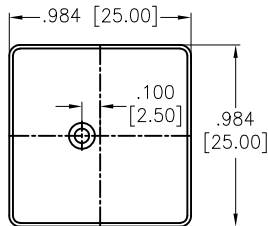
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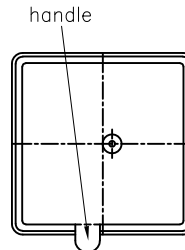
APPROVED: \_\_\_\_\_

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

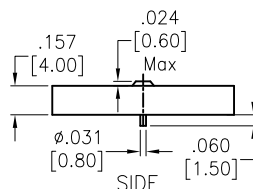
Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	



TOP



BOTTOM



SIDE

SPECIFICATIONS:

Standards	GPS/GLONASS/GALILEO/BEIDOU		
	1575.42MHz	1602MHz	1608MHz
Frequency range(MHz)	1575.42MHz	1602MHz	1608MHz
Peak Gain(dBi)	5.2	4.3	4.0
Average Gain(dB)	-1.0	-1.0	-1.4
VSWR	1.3	1.3	1.3
Return Loss	-17.4	-16.4	-15.9
Efficiency (%)	79.1	79.6	73.1
Polarization mode	RHCP		
Radiation pattern	Hemispherical		
Output impedance(Ω)	50		
Ground plane (mm)	70x70		

Mechanical:

Mounting Type	Adhesive
Adhesive Type	3M9448A
Connector Type	Welding
Antenna size(mm)	25mm (L) x25 mm (W) x 4mm (H)
Material	Ceramic
Operating Temperature (°C)	-40 °C ~ +85 °C
Storage Temperature(°C)	-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	Ø.X	±.10
.XX	± .020	Ø.XX	±.015
.XXX	± .015	Ø.XXX	±.010



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

TITLE  
25x25x4mm GNSS PASSIVE GPS PATCH ANTENNA,  
ADHESIVE TYPE WITH PIN

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

SIZE X	PART NO. ANT-202641B93	REV. -
REF: S00207C	SCALE: NTS	SHEET 1 OF 1

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