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APPROVED: _____

DATE: _____ TITLE: _____

Rev

AWO #

Description

Date

Appr

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RELEASED

12/15/21

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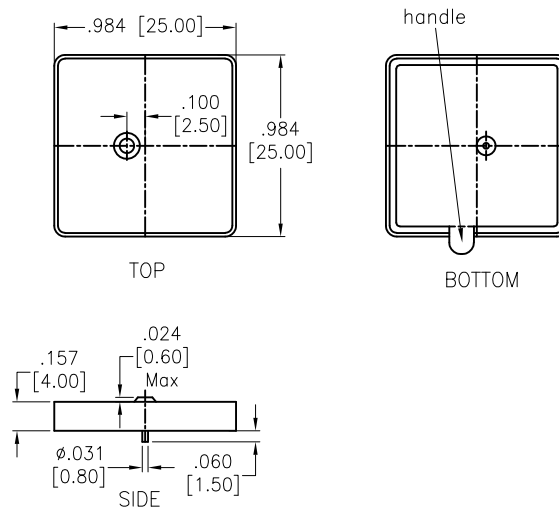
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SPECIFICATIONS:

Electrical:

Standards	GPS/GLONASS/GALILEO/BEIDOU		
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	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010

DRAWN

JJ

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TECH909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE

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

SIZE

X

PART NO.

ANT-202641B93

REV.

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REF: S00207C

SCALE: NTS

SHEET 1 OF 1

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