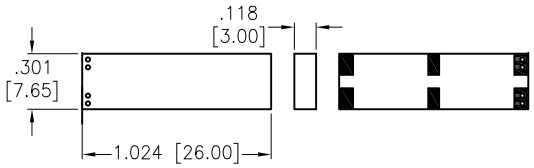
Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	

APPROVED: _____

DATE: _____ TITLE: _____



SPECIFICATIONS:
Electrical:

Standards	GPS L1+L5 & GLONASS & Galileo		
Frequency range(MHz)	1176.45MHz	1575.42MHz	1602.56MHz
Peak Gain	2.7dBi	2.5dBi	2.8
Average Gain(dB)	−1.8dB	−1.4dB	−1.2dB
VSWR	1.29	1.19	1.18
Return Loss	−17.87	−21.10	−21.73
Efficiency (%)	65.5%	72.1%	75.5%
Polarization mode	Linear	Linear	Linear
Radiation pattern	Omni−Directional	Omni−Directional	Omni−Directional
Output impedance	50	50	50
Max.Input Power(W)	5	5	5

Mechanical:

Mounting Type	SMD
Antenna size(mm)	26.0(L)x7.65(W)x3.0(H)
Material	PCB
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	Ø.X	±.10
.XX	± .020	Ø.XX	±.015
.XXX	± .015	Ø.XXX	±.010

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

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TITLE
GPS L1 + L5 & GLONASS SMD ANTENNA

SIZE	PART NO.	REV.
X	ANT-200051B66	-

REF: S00207C | SCALE: NTS | SHEET 1 OF 1