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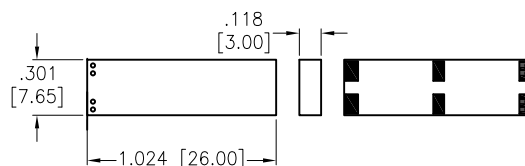
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APPROVED: _____

DATE: _____ TITLE: _____

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



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	∅x	±.10
.xx	± .020	∅xx	±.015
.xxx	± .015	∅xxx	±.010

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

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

TITLE GPS L1 + L5 & GLONASS SMD ANTENNA		
SIZE X	PART NO. ANT-200051B66	REV. -
REF: S00207C	SCALE: NTS	SHEET 1 OF 1

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