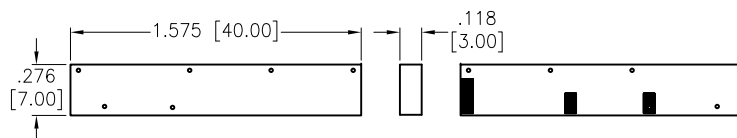


Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	

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

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



**SPECIFICATIONS:**

Electrical:

Standards	4G/3G/2G/NB-IoT/CAT M1/GNSS				
Frequency range(MHz)	698~960MHz	1420~2700MHz	1559MHz	1575.42MHz	1602MHz
Peak Gain(dBi)	0.5~2.3	-0.9~5.5	4.2	3.8	3.4
Average Gain(dB)	-3.3~-1.2dB	-3.9~-0.9dB	-1.3	-1.5	-1.8
VSWR	<5.0	<5.0	2.3	2.2	2.1
Return Loss	<-3.5	<-3.5	-8.0	-8.4	-8.8
Efficiency (%)	47~76%	40~80%	74.5%	70.5%	66.3%
Polarization mode	Linear	Linear	Linear	Linear	Linear
Radiation pattern	Omni-Directional	Omni-Directional	Omni-Directional	Omni-Directional	Omni-Directional
Output impedance	50	50	50	50	50
Max.Input Power(W)	5	5	5	5	5

**Mechanical:**

Mounting Type	SMD
Antenna size(mm)	40.0(L)×7.0(W)×3.0(H)
Material	PCB
Operating Temperature	-40°C~+80°C
Storage Temperature	-40°C~+80°C

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

# ADAM TECH

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DRAWN	WX	12/15/2
CHECKED	RC	12/15/2
APPROVED		

TITLE	4G & 3G & 2G & LPWA & GNSS SMD ANTENNA
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SIZE X	PART NO. ANT-200091B66	REV -
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY  
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN  
PERMISSION FROM ADAM TECH

REF: S00207C	SCALE: NTS	SHEET 1 OF 1
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**Environmental:**

Lead free, RoHS compliant.

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