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APPROVED: _____

DATE: _____ TITLE: _____

Rev

AWO #

Description

Date

Appr

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RELEASED

12/15/21

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SPECIFICATIONS:

Material:

Component name	Material	Color
Cable	U.FL Standard	Black
FPC	FPC	Black

Electrical:

Standards	4G/3G/2GNB-Lot/CAT M1	
Frequency range(MHz)	824~960MHz	1710~2690MHz
Peak Gain	-3.5~0.5dBi	2.0~5.0dBi
Average Gain(dB)	-6.9~3.6dB	-3.0~-1.5dB
VSWR	<4.5	<2.8
Return Loss	<-4.0	<-6.5
Efficiency (%)	20~43%	50~70%
Polarization mode	Linear	
Radiation pattern	Omni-Directional	
Output impedance	50	
Max.Input Power(W)	5	

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Mechanical:

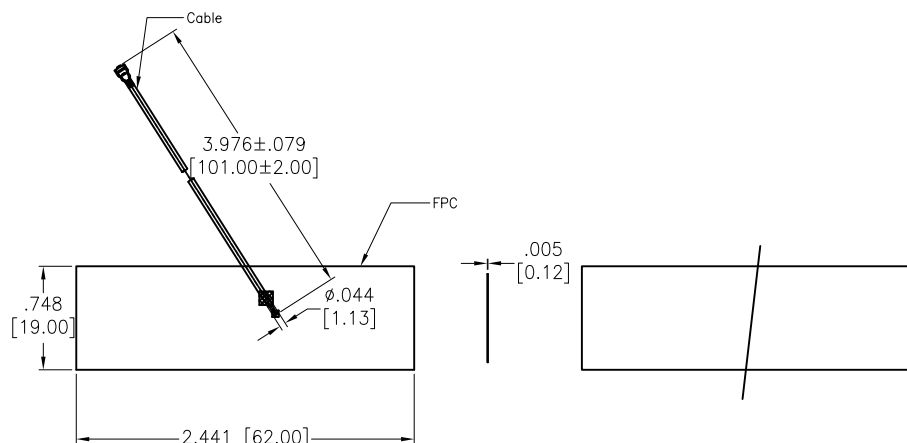
Mounting Type	Adhesive
Antenna Type	3M9471
Connector Type	U.FL Standard
Antenna size(mm)	62.0mm(L)X19.0mm(W)X0.12mm(H)
Material	FPC
Cable length(mm)	101mm
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C

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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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WX

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APPROVED

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ADAM
TECH

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 Phone: 908-687-5000
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TITLE

4G & 3G & 2G & LPWA FPC ADHESIVE ANTENNA

SIZE

X

PART NO.

ANT-190061B77

REV.

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REF: S00207C

SCALE: NTS

SHEET 1 OF 1

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