

6

5

4

3

2

1

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

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

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

D

D

SPECIFICATIONS:

Material:

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

C

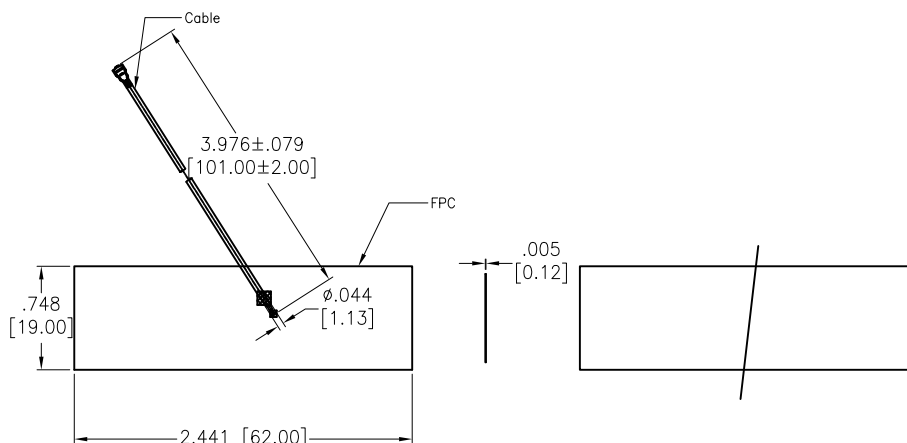
C

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	

B

B



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

A

A

Environmental:

Lead free, RoHS compliant.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED					909 Rahway Avenue, Union, NJ 07083														
<table border="0"> <tr> <td>INCHES</td> <td></td> <td>HOLES</td> </tr> <tr> <td>.X</td> <td>± .10</td> <td>Ø.X</td> <td>± .10</td> </tr> <tr> <td>.XX</td> <td>± .020</td> <td>Ø.XX</td> <td>± .015</td> </tr> <tr> <td>.XXX</td> <td>± .015</td> <td>Ø.XXX</td> <td>± .010</td> </tr> </table>					INCHES		HOLES	.X	± .10	Ø.X	± .10	.XX	± .020	Ø.XX	± .015	.XXX	± .015	Ø.XXX	± .010
INCHES		HOLES																	
.X	± .10	Ø.X	± .10																
.XX	± .020	Ø.XX	± .015																
.XXX	± .015	Ø.XXX	± .010																
<table border="1"> <tr> <td>DRAWN</td> <td>WX</td> <td>12/15/21</td> </tr> <tr> <td>CHECKED</td> <td>RC</td> <td>12/15/21</td> </tr> <tr> <td>APPROVED</td> <td></td> <td></td> </tr> </table>			DRAWN	WX	12/15/21	CHECKED	RC	12/15/21	APPROVED			<b>TITLE</b> 4G & 3G & 2G & LPWA FPC ADHESIVE ANTENNA		Fax: 908-687-5710					
DRAWN	WX	12/15/21																	
CHECKED	RC	12/15/21																	
APPROVED																			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH			SIZE <b>X</b>	PART NO. <b>ANT-190061B77</b>	REV. -														
REF: S00207C			SCALE: NTS	SHEET 1 OF 1															

6

5

4

3

2

1