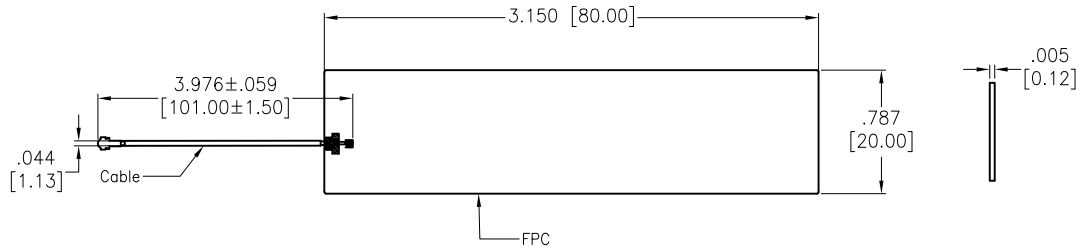
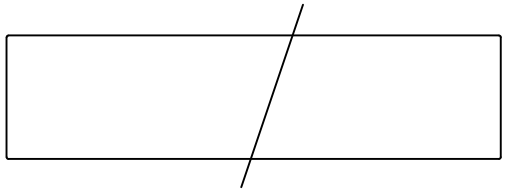
Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	

APPROVED: _____

DATE: _____ TITLE: _____





SPECIFICATIONS:

Electrical:

Standards	5G/4G/3G/2G/NB-IoT/CAT M1	
Frequency range(MHz)	698~960MHz	1710~6000MHz
Peak Gain	0.5~2.1dBi	-2.6~3.9dBi
Average Gain(dB)	-4.6~-2.2dB	-6.8~-1.7dB
VSWR	<2.7	<2.8
Return Loss	<-7.2	<-6.6
Efficiency (%)	35~60%	20.8~67.4%
Polarization mode	Linear	Linear
Radiation pattern	Omni-Directional	Omni-Directional
Output impedance	50	50
Max.Input Power(W)	5	5

Mechanical:

Mounting Type	Adhesive
Antenna size(mm)	3M467
Connector Type	IPX MHF1
Antenna size(mm)	80mm(L)*20mm(W)*.0.12mm(H)
Material	FPC
Cable length(mm)	101mm
Operating Temperature	-40°C~+80°C
Storage Temperature	-40°C~+80°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		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

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TITLE

2G 3G 4G 5G LPWA RF ANTENNA, FLAT ADHESIVE TO IPEX MHF1

SIZE	PART NO.	REV.
X	ANT-200421B77	-

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