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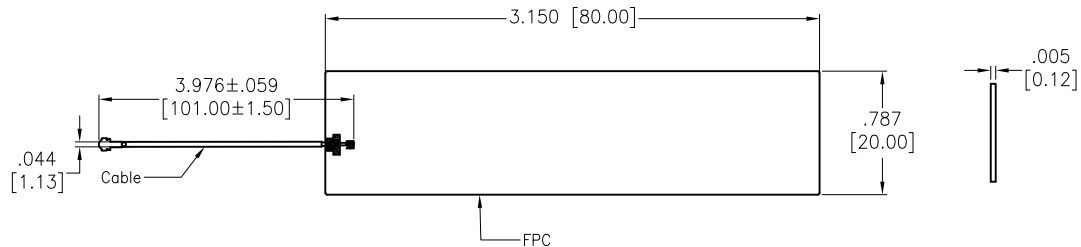
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APPROVED: \_\_\_\_\_

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

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



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



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

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

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

SIZE	PART NO.	REV.
X	ANT-200421B77	-
REF: S00207C	SCALE: NTS	SHEET 1 OF 1

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