

APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	
A		ADDED SPEC.	8/11/22	LH/TW

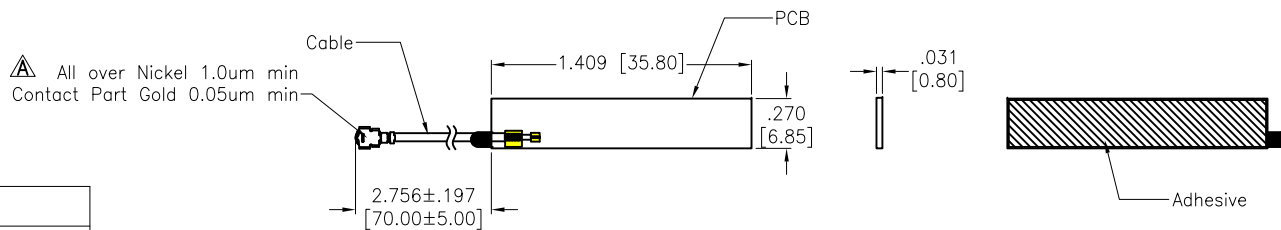
SPECIFICATIONS:
 Electrical:

Standards	3G/2G
Frequency range(MHz)	800~2100MHz
Peak Gain	1.5~2.0dBi
Average Gain(dB)	-5.7~-2.2dB
VSWR	<5.0
Return Loss	<-3.5
Efficiency (%)	27~60%
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance	50
Max.Input Power(W)	5

Mechanical:

Mounting Type	Adhesive
Antenna size(mm)	3M9471
Connector Type	IPEX
Antenna size(mm)	35.8*6.85*.08mm
Material	PCB
Cable length(mm)	70mm
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C

Environmental:
 Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.x	± .10	∅x	± .10
.xx	± .020	∅xx	± .015
.xxx	± .015	∅xxx	± .010

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

TITLE: 2G 3G 800~2100MHz RF ANTENNA, FLAT ADHESIVE TO IPEX

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

SIZE X	PART NO. ANT-190541B97	REV. A
REF: S00207C	SCALE: NTS	SHEET 1 OF 1