

APPROVED: _____

DATE: _____ TITLE: _____

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

SPECIFICATIONS:
Electrical:

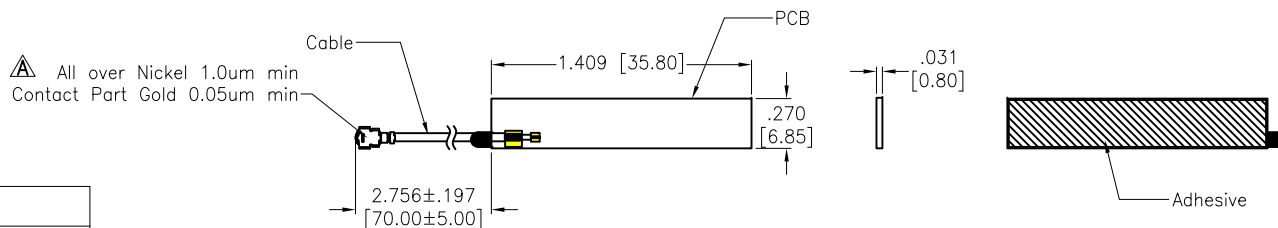
Standards	3G/2G
Frequency range(MHz)	800~2100MHz
Peak Gain	1.5~2.0dBi
Average Gain(dB)	-5.7~-2.2dB
VSWR	<5.0
Return Loss	<-3.5
Efficiency (%)	27~60%
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance	50
Max.Input Power(W)	5

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	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010

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

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ADAM
TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE 2G 3G 800~2100MHz RF ANTENNA, FLAT ADHESIVE TO IPEX		
SIZE X	PART NO. ANT-190541B97	REV. A
REF: S00207C	SCALE: NTS	SHEET 1 OF 1