

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	-2.0~1.0dBi	-1.0~5.0dBi
Average Gain(dB)	-6.0~1.8dB	-6.0~-1.2dB
VSWR	<5.0	<3.0
Return Loss	<-3.5	<-8.0
Efficiency (%)	20~65%	25~75%
Polarization mode	Linear	
Radiation pattern	Omni-Directional	
Output impedance	50	
Max.Input Power(W)	5	

B

B

Mechanical:

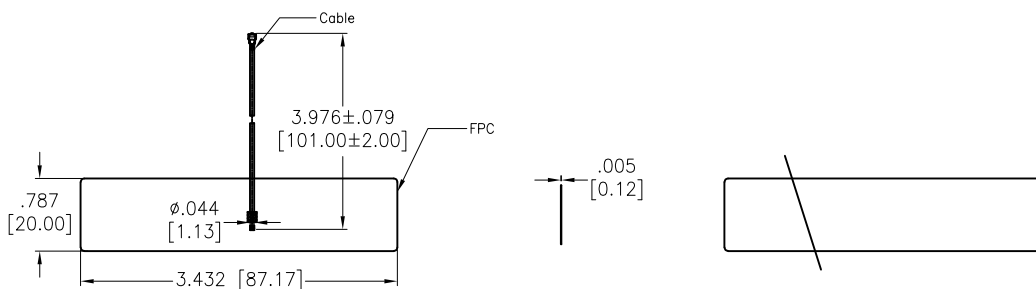
Mounting Type	Adhesive
Antenna Type	3M9471
Connector Type	U.FL Standard
Antenna size(mm)	87.17mm(L)X20.0mm(W)X0.12mm(H)
Material	FPC
Cable length(mm)	101mm
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C

A

A

Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED		
INCHES		
.X ± .10	ØX ± .10	
.XX ± .020	ØXX ± .015	
.XXX ± .015	ØXXX ± .010	

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

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

TITLE		
4G & 3G & 2G & LPWA FPC ADHESIVE ANTENNA		
SIZE	PART NO.	REV.
X	ANT-190071B77	-

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

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

6

5

4

3

2

1