

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

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

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

SPECIFICATIONS:

**Material:**

Component name	Material	Color
Cable	U.FL Standard	Black
FPC	FPC	Black

Electrical:

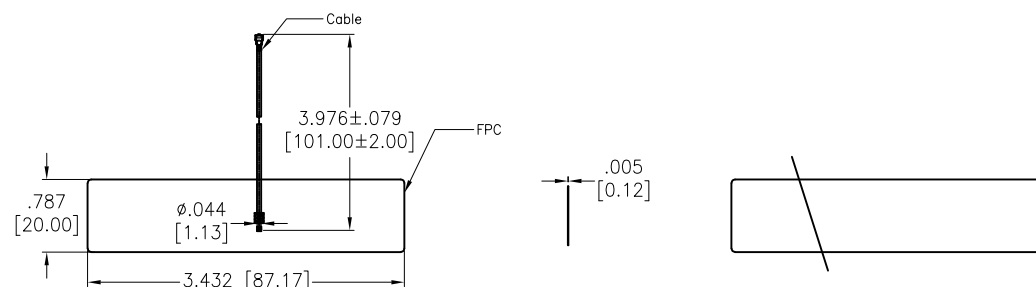
Standards	4G/3G/2GNB–Lot/CAT M1	
Frequency range(MHz)	824~960MHz	1710~2690MHz
Peak Gain	–2.0~1.0dBi	–1.0~5.0dBi
Average Gain(dB)	–6.0~1.8dB	–6.0~–1.2dB
VSWR	<5.0	<3.0
Return Loss	<–3.5	<–8.0
Efficiency (%)	20~65%	25~75%
Polarization mode	Linear	
Radiation pattern	Omni–Directional	
Output impedance	50	
Max.Input Power(W)	5	


**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

Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED					909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710															
<table><tr><th colspan="2">INCHES</th><th colspan="2">HOLES</th></tr><tr><td>.X</td><td>± .10</td><td>Ø.X</td><td>±.10</td></tr><tr><td>.XX</td><td>± .020</td><td>Ø.XX</td><td>±.015</td></tr><tr><td>.XXX</td><td>± .015</td><td>Ø.XXX</td><td>±.010</td></tr></table>					INCHES		HOLES		.X	± .10	Ø.X	±.10	.XX	± .020	Ø.XX	±.015	.XXX	± .015	Ø.XXX	±.010
INCHES		HOLES																		
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.XX	± .020	Ø.XX	±.015																	
.XXX	± .015	Ø.XXX	±.010																	
DRAWN		WX		12/15/21		TITLE  4G & 3G & 2G & LPWA FPC ADHESIVE ANTENNA														
CHECKED		RC		12/15/21																
APPROVED																				
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