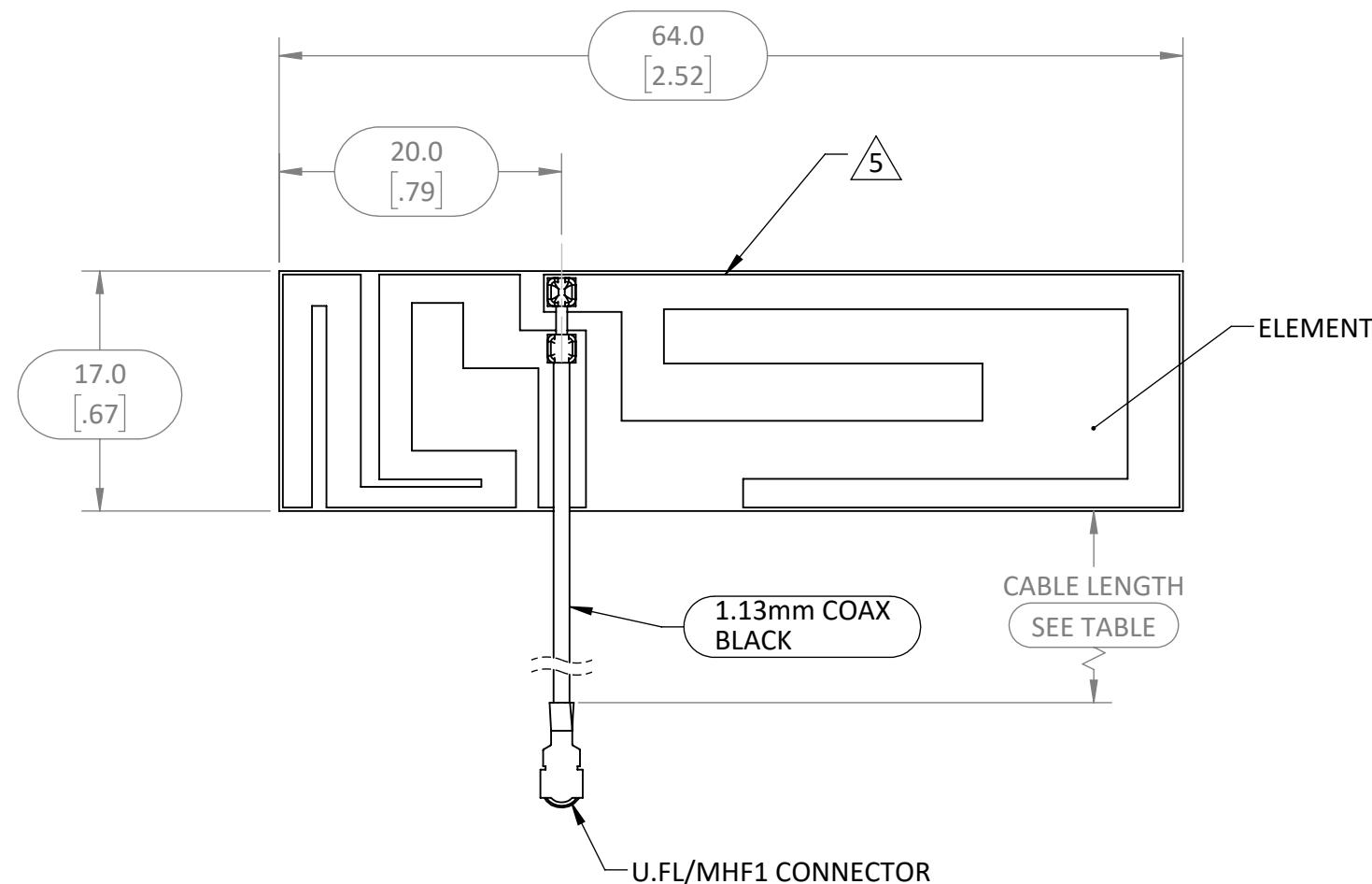


REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 4/13/22	

D

D



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN MILLIMETERS [IN].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. MECHANICAL:
 1. OPERATING TEMPERATURE: -30°C - +85°C
 2. STORAGE TEMPERATURE: ~RH 50% @ 21°C TO ACHIEVE FULL PROPERTIES.
 3. BEND RADIUS: 2mm [.078"] MAX.
 4. THICKNESS NTE .25mm ± .07mm
5. ADHESIVE BACKING SPLIT AT CENTER LINE FOR EASY REMOVAL.
6. ASSEMBLE AND INSPECT IAW IPC/WHMA-A-620
7. ORIENT CONNECTOR AS SHOWN.
5. ELECTRICAL PROPERTIES SHOWN FOR INFORMATION ONLY. SEE LINX DATA SHEET FOR COMPLETE ELECTRICAL SPECIFICATIONS.
 1. IMPEDANCE: 50Ω
 2. VSWR: 3.5 MAX
 3. FREQUENCY: 2300MHz - 2485MHz
 4. MAX POWER: 5W
 5. TYPE: DIPOLE, LINEAR, OMNI-DIRECTIONAL.
6. ANTENNA QUALIFIED IAW LINX INTRNAL TEST PLAN AT LATEST REVISION.
7. PACKAGE ANTENNA INDIVIDUALLY. LABEL BOX AND LOT BAG WITH THE FOLLOWING INFORMATION ONLY:
 1. LOT NUMBER
 2. LINX PART NUMBER
 3. QUANTITY
 4. COUNTRY OF ORIGIN
8. ANTENNA ASSEMBLY APPLICATION OF [3M 467MP] ADHESIVE TO SURFACE:
 1. CLEAN SURFACES AND ENSURE NO LARGE SURFACE GAPS ARE PRESENT.
 2. REMOVE BACKING AND APPLY ADHESIVE USING EVEN PRESSURE.
 3. APPLY TO SURFACE BETWEEN 21°C AND 38°C [70°F AND 100°F]

LINX PART NUMBER	CABLE LENGTH
ANT-LPC-FPC-30	30mm ± 3mm
ANT-LPC-FPC-50	50mm ± 3mm
ANT-LPC-FPC-100	100mm ± 5mm
ANT-LPC-FPC-150	150mm ± 8mm

WARNING: THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
	X ±2.0 XX ±1.0 XXX ±.500	ANGLES: ±1° SURFACE:
WEIGHT:		
FINISH:	DRAWN: JHAGER ENGR: DASARATHAN	DT: 4/20/22 DT: 4/20/22
	SCALE: 2:1	DO NOT SCALE DRAWING
		SHEET 1 OF 1

 159 ORT LANE
MERLIN, OR 97532

TITLE: ANTENNA, FPC, 1.13 COAXIAL CABLE

5G/LTE/CBRS

SIZE DWG. NO.

B C-ANT-LPC-FPC-LLL

REV **A**