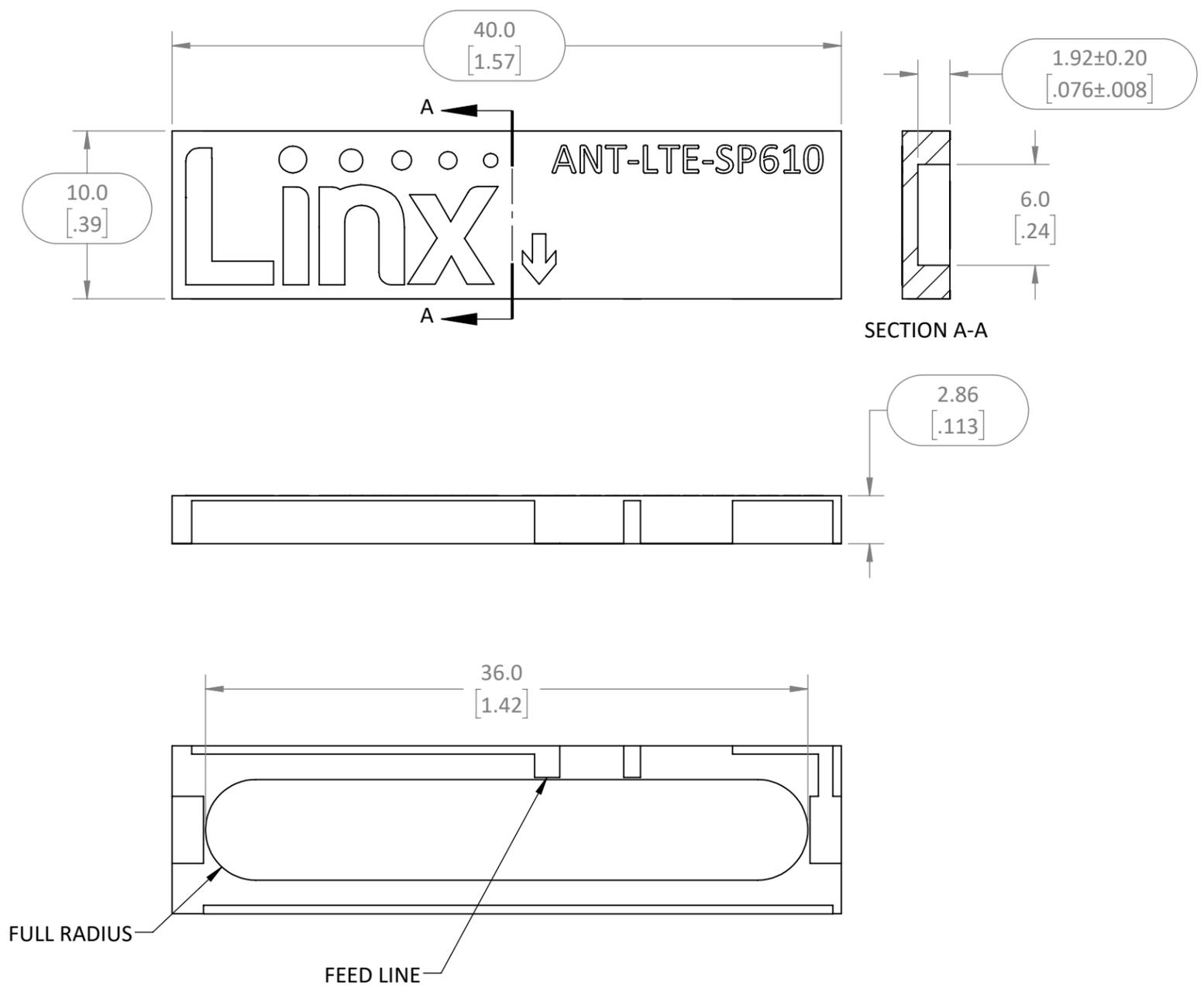


REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL PRODUCTION RELEASE	BMURPHY 9/25/19	CL 9/19/19
B	REDRAWN. UPDATED NOTES. PG2 WAS T&R SPECIFICATIONS. GERBER FILE REVISION WAS L9. UPDATED CAVITY DEPTH PER L10 CALCULATION WAS 1.8±.10	AJVM 8/24/2022	



- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN MILLIMETERS [IN].
 - DIMENSIONS APPLY AFTER FINISHING.
 - 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.
 - ANTENNA CONSTRUCTED IAW LINX SUPPLIED PANELIZED GERBER FILE: [PCB-ANT-LTE-SP610] AT REVISION [L10]
 - ELECTRICAL SPECIFICATIONS ARE LISTED FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
 - IMPEDANCE: 50Ω
 - FREQUENCY: LTE BANDS
 - VSWR: NTE 3.4 [698MHz-2.4GHz] NTE 5.0 [2.5GHz - 2.7GHz]
 - POLARIZATION: LINEAR
 - PATTERN: OMNI-DIRECTIONAL
 - MAX POWER: 10W
 - WAVELENGTH: 1/4-WAVE
 - IMPEDANCE: 50-OHMS
 - PRODUCT QUALIFIED IAW LINX TEST PLAN AT CURRENT REVISION.
 - MECHANICAL SPECIFICATIONS
 - CONNECTION: SURFACE MOUNT SOLDER PAD
 - WEIGHT: 1.5g (0.05 oz)
 - OPERATING/STORAGE TEMPERATURE: -40°C TO +120°C
 - CONSTRUCTION METHOD IAW IPC-A-600 Class 2
 - PACKAGE ANTENNA IN REEL IAW ASTM EIA-481F
 - PITCH: 16mm
 - TAPE SIZE: 56mm
 - EMBOSSED CARRIER
 - FEED LINE POSITION INDICATED BY ARROW ON PART
 - PACKAGING INSTRUCTIONS:
 - PRINT APPLY LABEL, [LBL-REEL-3.3x1.2], TO OUTSIDE OF REEL PER PROVIDED LABEL DRAWING.
 - VACUUM PACK REEL WITH DESSICANT PACK (NO HIT CARD) INSIDE.

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STE 159 ORT LANE
connectivity MERLIN, OR 97532

MATERIAL: 370HR	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. .X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES: ±1° SURFACE:	PROJECTION:
WEIGHT:	DRAWN: B.MURPHY	DT: 9/25/19	
FINISH: BLACK	ENGR: DASARATHAN	DT: 9/25/19	

TITLE: ANTENNA 2.4 GHz SP610 SURFACE MOUNT		
SIZE B	DWG. NO. C-ANT-LTE-SP610-X	REV B
SCALE: 3:1	DO NOT SCALE DRAWING	SHEET 1 OF 1

PART NUMBER	PACKAGING
ANT-LTE-SP610	BULK PACKAGING
ANT-LTE-SP610-T	TAPE AND REEL