



RECOMMENDED FOOTPRINT

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 8/24/20	JK 8/24/20
B	TABULATED DRAWING FOR uSP410 PRODUCT LINE	JHAGER 9/10/20	DV 9/10/20

NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- 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.
- PERMANENTLY MARK IAW PROVIDED GERBER FILE USING WHITE EPOXY INK.
- ELECTRICAL SPECIFICATIONS ARE SHOWN FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
 - IMPEDANCE: 50Ω
 - POLARIZATION: LINEAR
 - RADIATION: OMNI-DIRECTIONAL
 - GROUND PLANE: 38mmX84mm SEE TEST AND EVALUATION FIXTURE [PCB-EVAL-ANT-uSP410] FOR GROUND PLANE ORIENTATION AND PART PLACMENT.
- MECHANICAL PROPERTIES
 - OPERATING TEMPERATURE: -40°C - 130°C
- PACKAGING: TAPE AND REEL ONLY IAW EIA-481-F.
 - PITCH: 16mm [.630"]
 - TAPE SIZE: 24mm [.945"]
 - EMBOSSED CARRIER
- USED ON: ASY-EVAL-ANT-fff-uSP410 / AEK-fff-uSP410
- PRODUCT QUALIFIED IAW LINX TEST PLAN AT CURRENT REVISION.

LINX PART NUMBER	FREQUENCY RANGE
ANT-433-uSP410	430MHz - 435MHz
ANT-868-uSP410	862MHz - 876MHz
ANT-915-uSP410	902MHz- 928MHz



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TITLE:
**ANTEN, uSP410 PACKAGE
TABULATION**

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MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
PCB	.X ±2.0 .XX ±1.0 .XXX ±.500	ANGLES: ±1° SURFACE: √
FINISH:	DRAWN: JHAGER	DT: 8/24/20
PART NATURAL	ENGR:	DT:

SIZE	DWG. NO.	REV
A	C-ANT-FFF-uSP410	C
SCALE: 3:1	DO NOT SCALE DRAWING	SHEET 1 OF 1