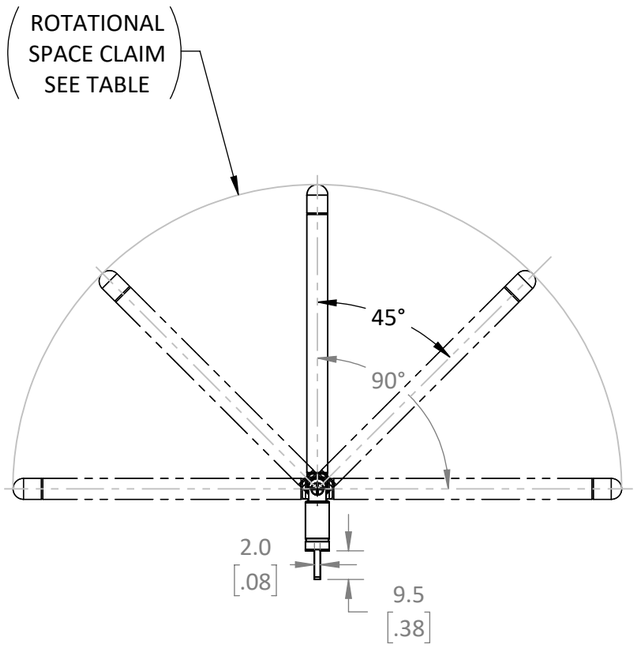
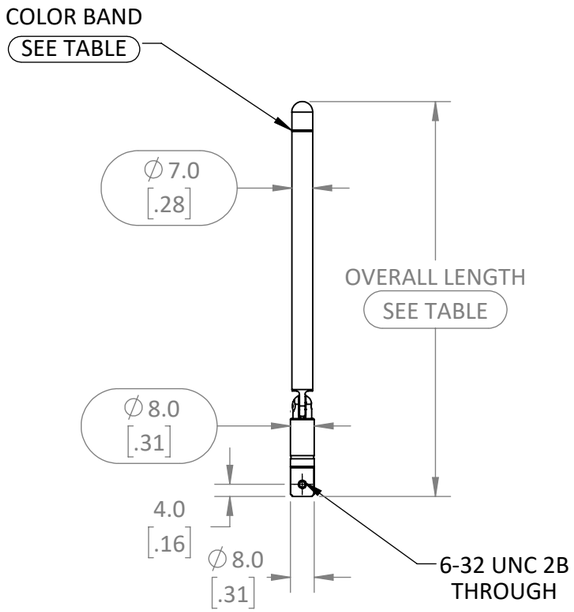
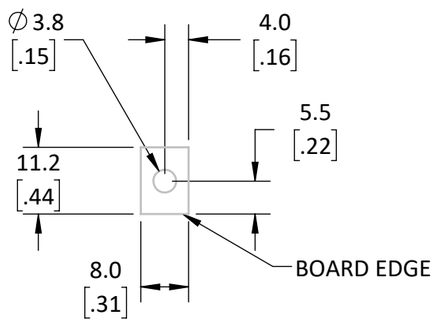
REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE	7/8/2008	SAH
B	REDRAWN SOLID MODEL, UPDATED NOTES AND TOLERANCES, ADDED RECOMMENDED FOOTPRINT, TABULATED DRAWING	AJVM 10/18/22	







RECOMMENDED FOOTPRINT
SCALE 1:1

LINX PART NUMBER	OVERALL LENGTH	ROTATIONAL SPACE CLAIM	CENTER FREQUENCY	PANTONE COLOR BAND
ANT-315-PW-RA	132.5mm	102.0mm	315MHz	GREEN
ANT-418-PW-RA	132.5mm	102.0mm	418MHz	BLUE
ANT-433-PW-RA	132.5mm	102.0mm	433MHz	RED
ANT-868-PW-RA	98.8mm	68.5mm	868MHz	GREY
ANT-916-PW-RA	98.8mm	68.5mm	916MHz	YELLOW

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. ELECTRICAL SPECIFICATIONS ARE LISTED FOR REFERANCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
    1. IMPEDANCE: 50Ω
    2. RECOMMENDED FREQUENCY RANGE: [SEE TABLE]
    3. VSWR: NTE 2.0 TYPICAL AT CENTER
5. MECHANICAL:
    1. CONNECTION: SCREW-MOUNT
    2. MAX TORQUE: 5in/lbs
    3. OPERATING TEMPERATURE RANGE: -20°C TO +60°C
6. PRODUCT QUALIFIED IAW LINX TEST PLAN AT CURRENT REVISION.
7. UNLISTED DIMENSIONS ARE CONTROLLED BY SOLID MODEL AT LATEST REVISION.
8. LABEL LOT BAG AND BOX IAW LINX LABEL DRAWING [MEC-LBL-4x2.5-PAPER-ID]

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MATERIAL:

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.

.X ±2.0
.XX ±1.00
.XXX ±.500

ANGLES: ±1°
SURFACE: √32

PROJECTION:

WEIGHT:

FINISH:

DRAWN: AJVM DT: 10/18/22

ENGR: DASARATHAN DT: 10/19/22

159 ORT LANE
MERLIN, OR 97532

TITLE:
TILT/SWIVEL PERMANENT MOUNT
1/4 WAVE MONOPOLE ANTENNA

SIZE B | DWG. NO. C-ANT-xxx-PW-RA | REV B

SCALE: 1:2 | DO NOT SCALE DRAWING | SHEET 1 OF 1

LDCFDFB_B