



REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	10/7/2021 JHAGER	

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.
- ELECTRICAL SPECIFICATIONS FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
 - ANTENNA QUALIFIED IAW LINX TEST PLAN AT LATEST REVISION
 - IMPEDANCE: 50Ω
- MECHANICAL:
 - OPERATIONAL TEMPERATURE: -40° - +90°C
- CONNECTOR SMA TYPE INTERFACE IAW MIL-STD-438B. RP-SMA VARIATION TO INTERFACE WITH REVERSE COMPATIBLE PINS.
- PACKAGE EACH UNIT IN SLEEVE BEFORE PLACING IN LOT BAG.
- LABEL EACH LOT BAG AND BOX IAW LINX LABEL DRAWING [MEC-LBL-4x2.5-PAPER-ID]

ITEM NUMBER	DESCRIPTION
1	COVER, ELEMENT, TPE, BLACK
2	ELEMENT, TUNED, COPPER/SWC STEEL
3	CONNECT, SMA TYPE, BLACK, CHROMATE/BRASS
4	PIN, CONDUCTOR, GOLD/BRASS
5	INSULATOR, POM, WHITE
6	RING, COLOR INDICATOR, POLYOL [SEE TABLE]

ITEM NUMBER	CONNECTOR	FREQUENCY	BAND COLOR
ANT-418-CW-RAH	RP-SMA	418MHz	BLUE
ANT-433-CW-RAH	RP-SMA	433MHz	RED
ANT-433-CW-RAH-SMA	SMA	433MHz	RED
ANT-868-CW-RAH	RP-SMA	868MHz	GRAY
ANT-868-CW-RH-SMA	SMA	868MHz	GRAY
ANT-916-CW-RH	RP-SMA	916MHz	YELLOW
ANT-916-CW-RH-SMA	SMA	916MHz	YELLOW

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MATERIAL:	BRASS, TPE BeCu	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES: ±1° SURFACE: √	PROJECTION:
FINISH:	GOLD TEXTURED	DRAWN: SHOGAN ENGR: DASARATHAN	DT: 6/17/19 DT: 6/17/19	



159 ORT LANE
MERLIN, OR 97532

TITLE:
**ANTENNA REDUCED HEIGHT
RIGHT ANGLE SMA SERIES**

SIZE	DWG. NO.	REV
A	C-ANT-xxx-CW-RAH-CCC	A
SCALE: 2:1	DO NOT SCALE DRAWING	SHEET 1 OF 1