



REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 12/27/21	DV 1/20/22

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN MILLIMETERS [IN].
 - DIMENSIONS APPLY AFTER FINISHING. UNLISTED GEOMETRY CONTROLLED BY MANUFACTURER DRAWINGS AT CURRENT REVISION.
 - 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 ARE FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
 - ANTENNA TYPE: DIPOLE
 - FREQUENCY RANGE: DUAL BAND SEE DATASHEET
 - VSWR NTE ≤ 2.5
 - IMPEDANCE: 50Ω
 - PEAK GAIN: 3.0~4.0 dBi [DEPENDING ON INSTALL ENVIRONMENT
 - ANTENNA QUALIFIED IAW ANTENNA TEST PLAN DOCUMENT AT LATEST REVISION.
 - MECHANICAL SPECIFICATIONS
 - OPERATING RANGE: -30º - +85ºC
 - ARTICULATION STOPS AT 45 AND 90 DEGREES. FREE SPIN 180º
 - INTERFACE SMA TYPE IAW MIL-STD-348B.
 - ELEMENT MATERIAL: FR4 PCB, BLACK
 - PACKAGE EACH UNIT SEPERATELY BEFORE PLACING IN LOT BAG. MARK EACH LOT BAG, AND BOX WITH THE FOLLOWING INFORMATION ONLY:
 - LOT NUMBER
 - LINX PART NUMBER
 - QUANTITY
 - COUNTRY OF ORIGIN

ITEM NUMBER	DESCRIPTION
6	PIN, [SEE INTERFACE] TYPE, GOLD/[SEE TABLE]
5	CONN, [SEE TABLE] TYPE NICKEL/BRASS
4	BASE, MOLDED, ARTICULATING,PC+PBT [SEE TABLE FOR COLOR]
3	CABLE, RG178, BLACK
2	ELEMENT, FR4, RIGID PCB, BLACK
1	COVER, ELEMENT, ABS BLACK

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MATERIAL: ABS, PC+PBT	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
WEIGHT:	.X ±2.0 .XX ±1.00 .XXX ±.500	
FINISH: BLACK NICKEL/GOLD	ANGLES: ±1° SURFACE:	

DRAWN: JHAGER DT: 12/20/21
ENGR: DASARATHAN DT:

159 ORT LANE
MERLIN, OR 97532

TITLE:
**ANTENNA WIFI 6 ARTICULATING
BLADE, 3-POS, SMA TYPE**

SIZE B	DWG. NO. C-ANT-W63WS2-XXX	REV A
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SCALE: 1:1 DO NOT SCALE DRAWING SHEET 1 OF 1

ITEM NUMBER	CONNECTOR	MATERIAL
ANT-W63WS2-SMA	SMA	BRASS
ANT-W63WS2-RPS	RPS	BeCu