



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

- NOTES: (UNLESS OTHERWISE SPECIFIED)
1. ALL DIMENSIONS ARE IN MILLIMETERS [IN].
 2. DIMENSIONS APPLY AFTER FINISHING. UNLISTED GEOMETRY CONTROLLED BY MANUFACTURER DRAWINGS AT CURRENT REVISION.
 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 FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
 1. ANTENNA TYPE: DIPOLE
 2. FREQUENCY RANGE: DUAL BAND SEE DATASHEET
 3. VSWR NTE ≤ 2.5
 4. IMPEDANCE: 50Ω
 5. PEAK GAIN: 3.0~4.0 dBi [DEPENDING ON INSTALL ENVIRONMENT
 5. ANTENNA QUALIFIED IAW ANTENNA TEST PLAN DOCUMENT AT LATEST REVISION.
 6. MECHANICAL SPECIFICATIONS
 1. OPERATING RANGE: -30º - +85ºC
 2. ARTICULATION STOPS AT 45 AND 90 DEGREES. FREE SPIN 180º
 3. INTERFACE SMA TYPE IAW MIL-STD-348B.
 4. ELEMENT MATERIAL: FR4 PCB, BLACK

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

WEIGHT:

FINISH: BLACK NICKEL/GOLD

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.

.X ±2.0
.XX ±1.00
.XXX ±.500

ANGLES: ±1°
SURFACE:

PROJECTION:

DRAWN: JHAGER
ENGR: DASARATHAN

DT: 12/20/21
DT:

159 ORT LANE
MERLIN, OR 97532

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

SIZE **B** DWG. NO. C-ANT-5GWWS3-XXX REV **A**

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

ITEM NUMBER	CONNECTOR	MATERIAL
ANT-5GWWS3-SMA	SMA	BRASS
ANT-5GWWS3-RPS	RPS	BeCu