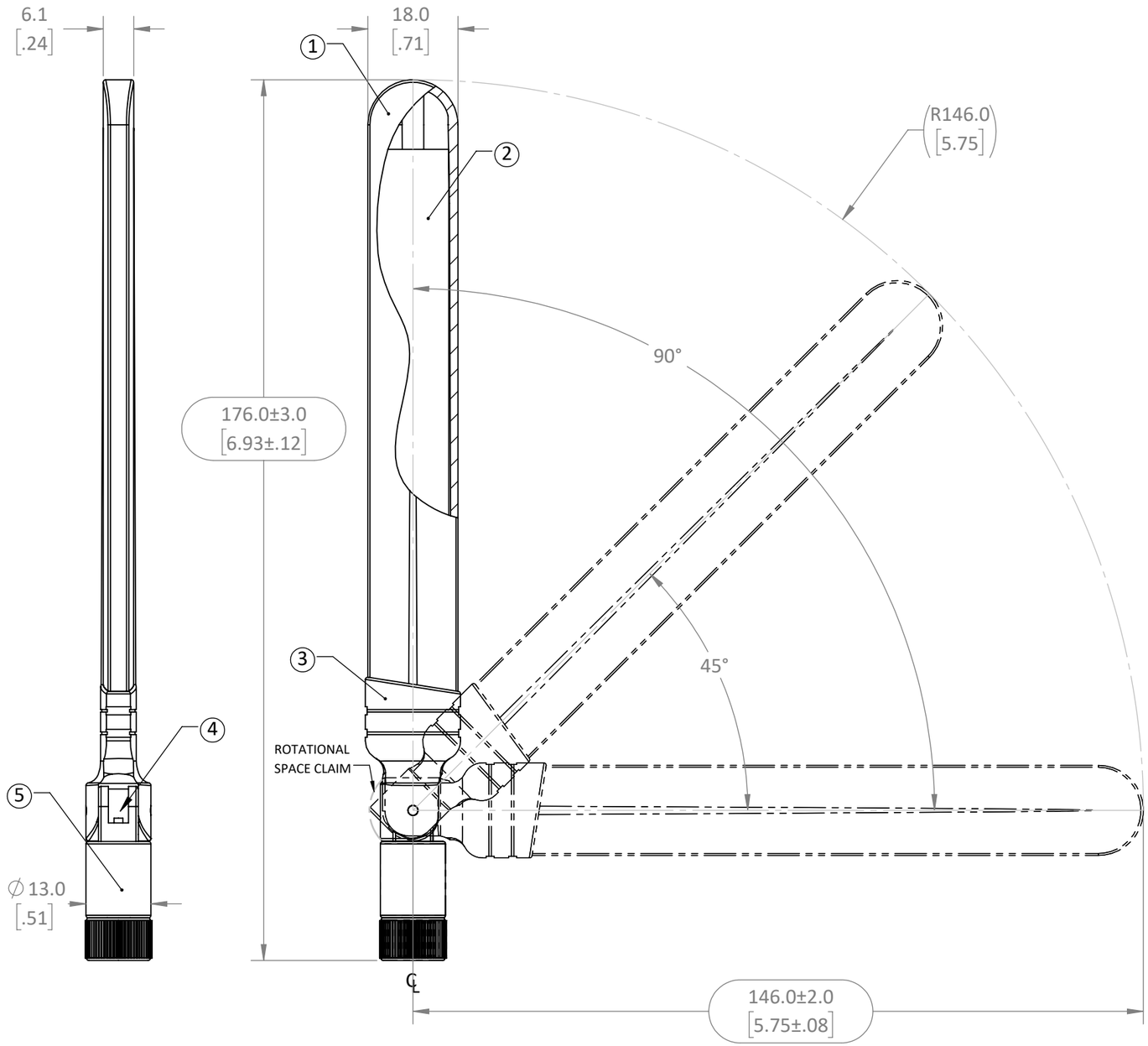
REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 11/24/21	DV 11/23/21
B	UPDATED PIN MATERIAL [FN8] WAS BeCu. OPERATING TEMPERATURE WAS -20-85°C. ANTENNA OVERALL HEIGHT WAS 175.3±3. ADDED FN9 SEAL RING. FN7 MATERIAL WAS BRASS	JHAGER1 2/17/21	DV 1/1/22
C	CABLE TYPE CHANGE, UPDATED NOTES	AJVM 8/2/2022	



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 REFERANCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
    1. ANTENNA TYPE: DIPOLE
    2. FREQUENCY RANGE: 4 BAND SEE DATASHEET
    3. VSWR NTE ≤ 3.0
    4. IMPEDANCE: 50Ω
5. ANTENNA QUALIFIED IAW ANTENNA TEST PLAN DOCUMENT AT LATEST REVISION.
6. MECHANICAL SPECIFICATIONS
    1. OPERATING RANGE: -10º - +60ºC
    2. UNLISTED DIMENSIONS ARE CONTROLLED BY MODEL AT LATEST REVISION.
    3. ARTICULATION STOPS AT 45 AND 90 DEGREES. FREE SPIN 180º
    4. INTERFACE SMA TYPE IAW MIL-STD-348B.

ITEM NUMBER	DESCRIPTION
8	PIN, SMA TYPE, GOLD/BRASS
7	CONN, [SEE TABLE] TYPE NICKEL/ZINC
6	RIVET, PLAS, POM [SEE TABLE FOR COLOR]
5	BASE, MOLDED, ARTICULATING,PC+PBT [SEE TABLE FOR COLOR]
4	CABLE, 1.32mm, WHITE
3	COVER, ELEMENT BASE, PC, [SEE TABLE FOR COLOR]
2	ELEMENT, 5GW, RIGID PCB
1	COVER, ELEMENT, ABS [SEE TABLE FOR COLOR]

ITEM NUMBER	CONNECTOR	COLOR
ANT-5GWWS4-SMA-W	SMA	WHITE
ANT-5GWWS4-SMA	SMA	BLACK

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TE connectivity
159 ORT LANE
MERLIN, OR 97532

MATERIAL: VARIOUS
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.
.X ±2.0
.XX ±1.00
.XXX ±.500
ANGLES: ±1°
SURFACE: 32
PROJECTION:
WEIGHT:
FINISH: NATURAL
DRAWN: JHAGER DT: 11/19/21
ENGR: DASARATHAN DT: 11/19/21

TITLE:
ANTENNA 5GW 3 POSITION
SMA STYLE INTERCONNECT

SIZE B | DWG. NO. C-ANT-5GWWS4-SMA-x | REV C
SCALE: 1:1 | DO NOT SCALE DRAWING | SHEET 1 OF 1

LDCFDFB_B