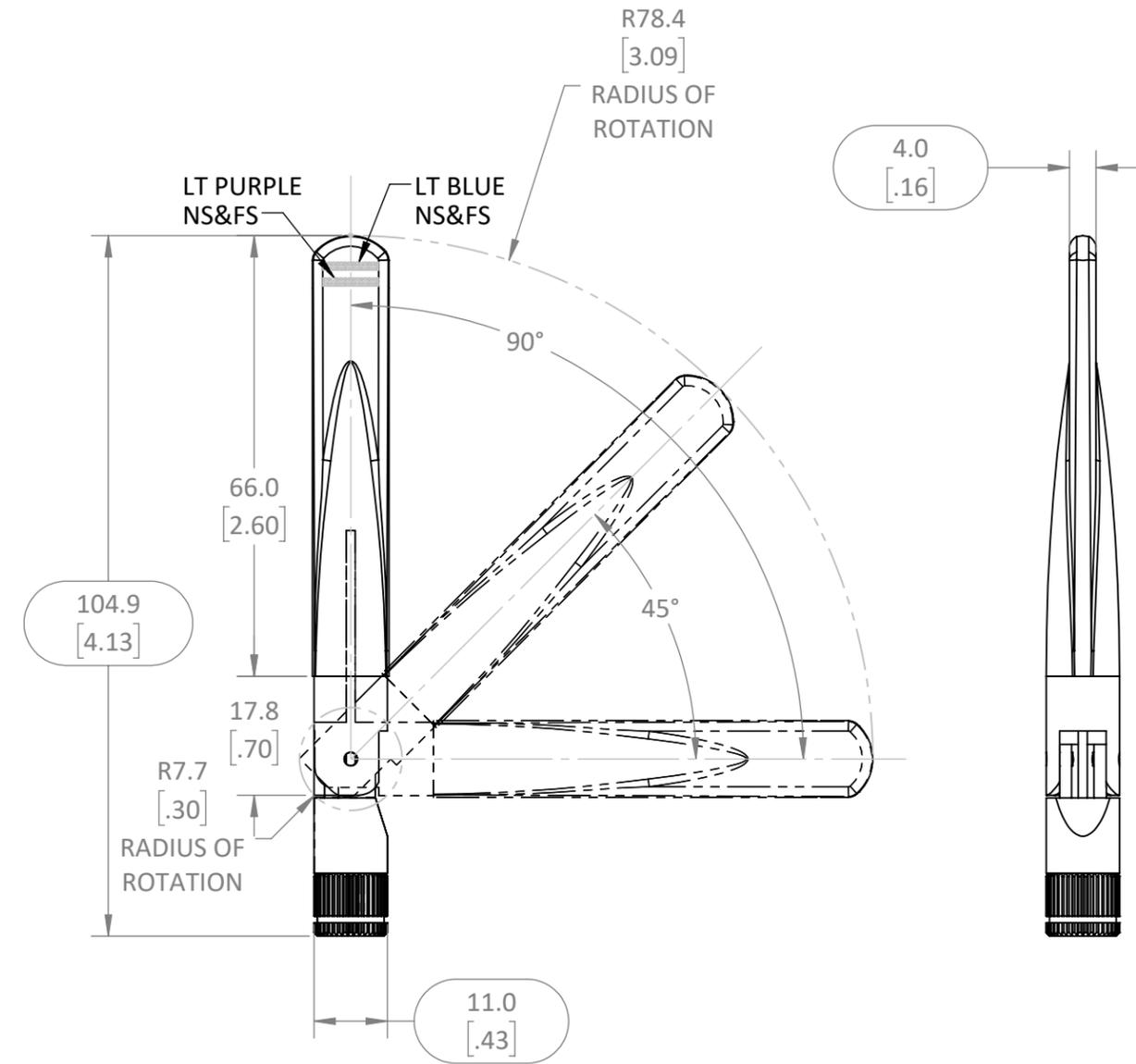


| REVISIONS | | | |
|-----------|--------------------|--------------------|------|
| REV | DESCRIPTION | DATE | APPV |
| A | PRODUCTION RELEASE | JHAGER 10/20/21 | |



- 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. IMPEDANCE: 50Ω
 5. FREQUENCY: [SEE TABLE]
 6. VSWR: [SEE TABLE]
 7. OPERATIONAL TEMPERATURE RANGE: -40° - +80°C.
 8. BLADE IS 3 POSITIONABLE AS SHOWN AND DETENTS SECURLY IN EACH SHOWN POSITION.
 9. CONNECTION: SMA TYPE INTERCONNECT MIL-STD-348B. RP-SMA TYPE TO INTERCONNECT WITH OTHER REVERSE POLARITY SMA TYPE CONNECTIONS. (PART 15 COMPLIANT)

| ITEM NUMBER | CONNECTOR | BAND 1 CENTER FREQUENCY [MHz] @1.8 VSWR | BAND2 CENTER FREQUENCY [MHz] @1.7 VSWR | BAND3 CENTER FREQUENCY [MHz] @6.1 VSWR |
|-----------------|-----------|---|--|--|
| ANT-DB1-RAF-SMA | SMA | 2400-2485 | 5150-5850 | 5925-7125 |
| ANT-DB1-RAF-RPS | RP-SMA | 2400-2485 | 5150-5850 | 5925-7125 |

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connectivity MERLIN, OR 97532

| | | | |
|---------------------------------|---|-------------------------------|-----------------|
| MATERIAL: ABS, PTFE BRASS | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. | | PROJECTION: |
| WEIGHT: | .X ±2.0 .XX ±1.00 .XXX ±.500 | ANGLES: ±1° SURFACE: | |
| FINISH: NICKEL GOLD | DRAWN: JHAGER ENGR: SHAWNH | DT: 10/19/21 DT: 10-JUL-08 | |

TITLE:
**ANTENNA DUAL BAND
45° / 90° POSITIONABLE**

SIZE DWG. NO. REV
B C-ANT-FFF-RAF-CCC **A**

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

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1 LDCDFB_B