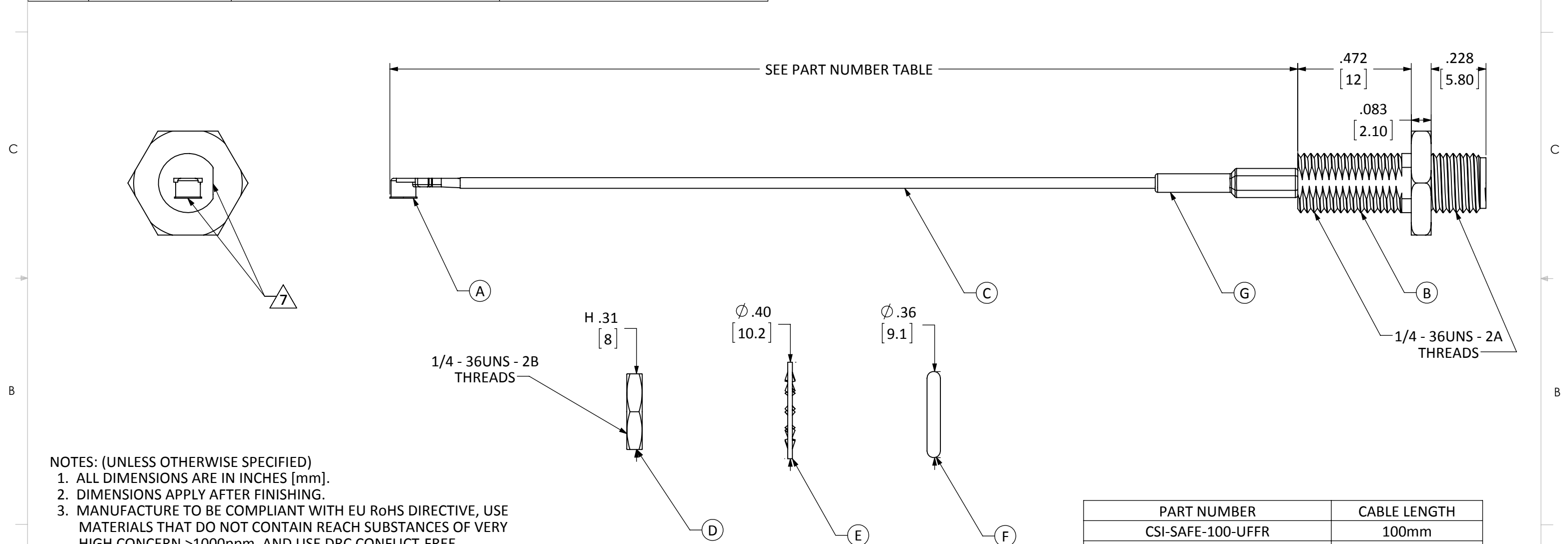


| ITEM | DESCRIPTION | MATERIAL | FINISH |
|------|--|----------------|--------|
| A | U.FL PLUG | BRASS | GOLD |
| B | SEALED SMA FEM. BULKHEAD MOUNT CONNECTOR | BRASS | NICKEL |
| C | CABLE | 1.13mm COAXIAL | GRAY |
| D | NUT | BRASS | NICKEL |
| E | WASHER | BRASS | NICKEL |
| F | O-RING | Si RUBBER | BLACK |
| G | HEAT SHRINK TUBING | POLYOLEFIN | BLACK |

| REVISIONS | | | |
|-----------|--|-----------|------|
| REV | DESCRIPTION | DATE | APPV |
| A | INITIAL RELEASE OF LINX INTERNAL DRAWING | 15-APR-14 | SAH |
| B | UPDATED NOTE 3; ADDED FLAG NOTE 7 AND VIEW TO ILLUSTRATE CONNECTOR ORIENTATION | 1-SEP-15 | SAH |
| C | UPDATED TO ADD DIMENSIONS TO NUT, WASHER AND O-RING | 13-JUL-16 | SAH |



NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN INCHES [mm].
- 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.
- MINIMUM FREQUENCY RANGE: DC TO 3GHz.
- CABLE ASSEMBLY SPECIFICATIONS;
 - CHARACTERISTIC IMPEDANCE: $50\Omega \pm 3\Omega$
 - INSERTION LOSS: 100mm - 0.34vf IN GHz TYP.
200mm - 0.56vf IN GHz TYP.
300mm - 0.73vf IN GHz TYP.
- CONNECTOR TO BE APPLIED IN ACCORDANCE WITH CONNECTOR SUPPLIER RECOMMENDED PROCEDURE.
- CONNECTORS TO BE ORIENTED WITH U.FL CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNECTOR THREAD FLAT FACE, AS SHOWN.

| PART NUMBER | CABLE LENGTH |
|-------------------|--------------|
| CSI-SAFE-100-UFFR | 100mm |
| CSI-SAFE-200-UFFR | 200mm |
| CSI-SAFE-300-UFFR | 300mm |

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TITLE: **CABLE ASSEMBLY, U.FL TO FEM. BLKHD SMA, 1.13mm CBL**

| | | |
|-----------|---|-------------|
| MATERIAL: | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. | PROJECTION: |
| FINISH: | SURFACE FINISH: $\sqrt{32}$ ANGLES: $\pm 1^\circ$ | |
| | TOLERANCES: .X $\pm .1$.XX $\pm .01$.XXX $\pm .005$ | |
| | DRAWN: B.MURPHY DT: 26-MAR-14 | |
| | ENGR: S.HOGAN DT: 15-APR-14 | |

| | | |
|--------------|----------------------|--------------|
| SIZE | DWG. NO. | REV |
| B | CSI-SAFE-ccc-UFFR | C |
| SCALE: 2.5:1 | DO NOT SCALE DRAWING | SHEET 1 OF 1 |