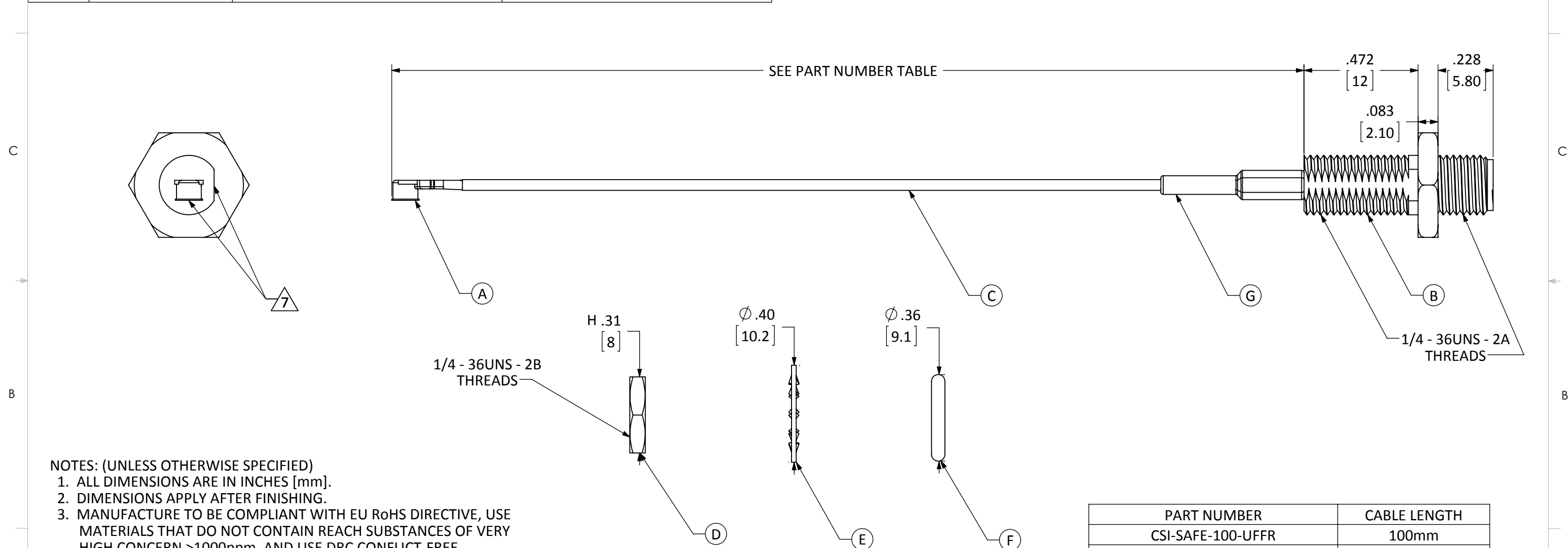


| ITEM | DESCRIPTION                              | MATERIAL       | FINISH |
|------|--|----------------|--------|
| A    | U.FL PLUG                                | BRASS          | GOLD   |
| B    | SEALED SMA FEM. BULKHEAD MOUNT CONNECTOR | BRASS          | NICKEL |
| C    | CABLE                                    | 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: 50Ω ± 3Ω
    - 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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**TE** connectivity

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

MATERIAL: INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. SURFACE FINISH: ANGLS: ±1° TOLERANCES: .X ±.1 .XX ±.01 .XXX ±.005

PROJECTION:

FINISH: 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

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