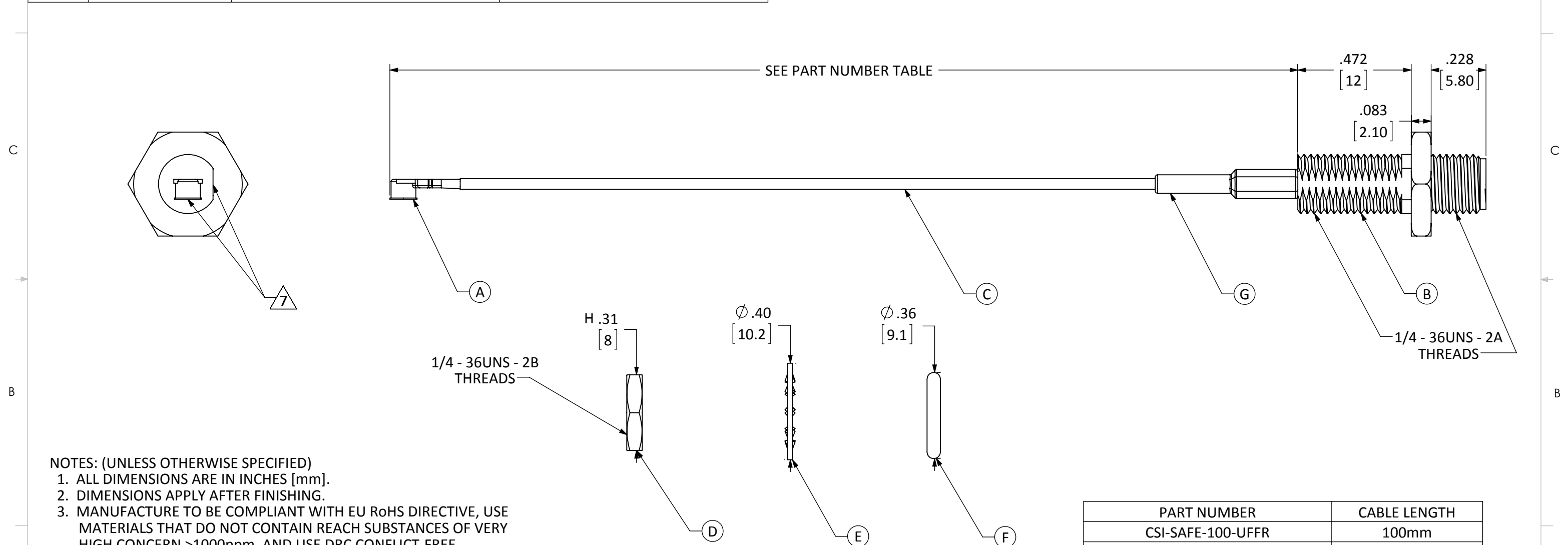


ITEM	DESCRIPTION	MATERIAL	FINISH
A	U.FL PLUG	BRASS	GOLD
B	SEALED SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	NICKEL
C	CABLE	1.13mm COAXIAL	GRAY
D	NUT	BRASS	NICKEL
E	WASHER	BRASS	NICKEL
F	O-RING	Si RUBBER	BLACK
G	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

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>B</b>	CSI-SAFE-ccc-UFFR	<b>C</b>
SCALE: 2.5:1	DO NOT SCALE DRAWING	SHEET 1 OF 1