

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

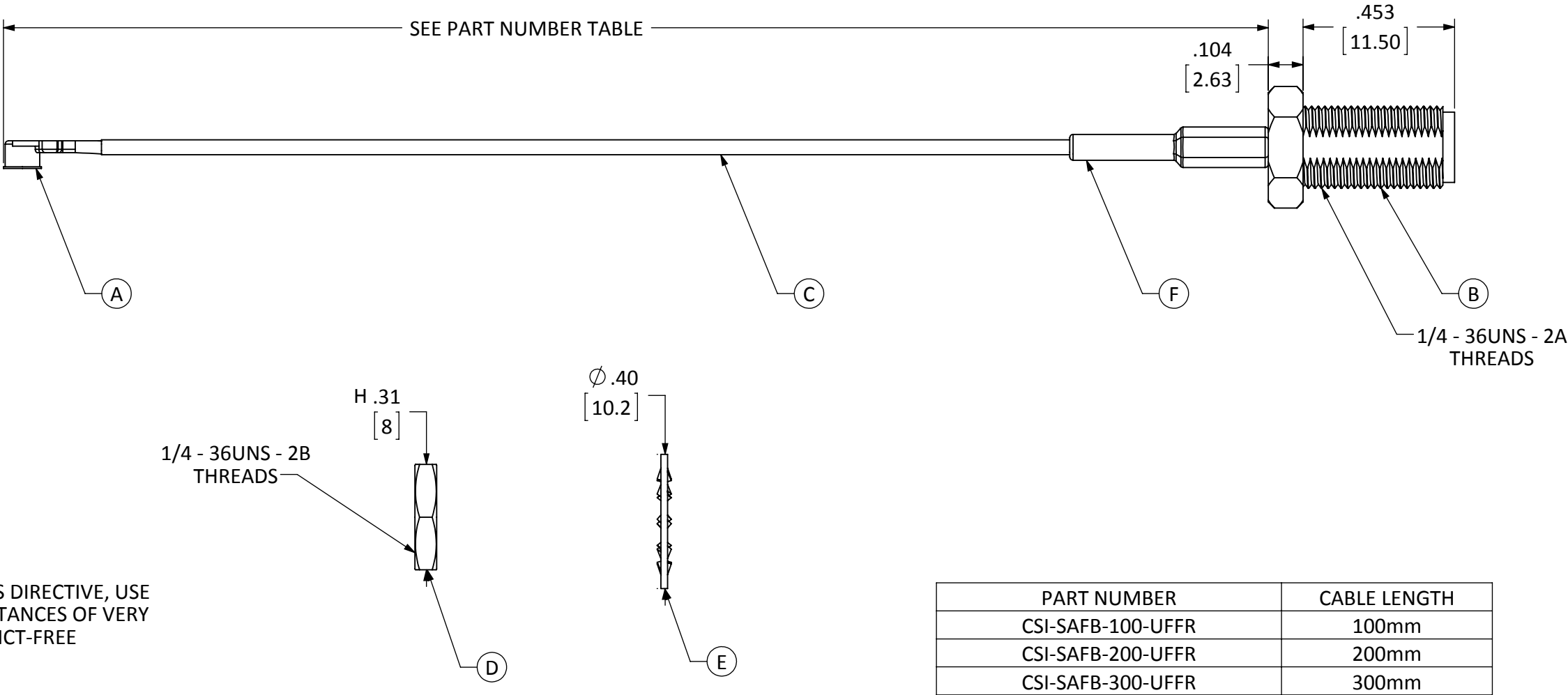
REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	15-APR-14	SAH
B	UPDATED NOTE 3; ADDED NOTE 5; ADDED FLAG NOTE 7 AND VIEW TO ILLUSTRATE CONNECTOR ORIENTATION; ADDED DIMENSIONS; UPDATED DESCRIPTION TABLE	1-SEP-15	SAH
C	UPDATED TO ADD DIMENSIONS TO NUT AND WASHER	13-JUL-16	SAH

D

C

B

A



- 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;
    - CHARACTERISITIC 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.
- 7 CONNECTORS TO BE ORIENTED WITH U.FL CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNECTOR THREAD FLAT FACE, AS SHOWN.

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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	

**Linx** 159 ORT LANE  
MERLIN, OR 97532

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

SIZE	DWG. NO.	REV
<b>B</b>	CSI-SAFB-ccc-UFFR	<b>C</b>

SCALE: 2.5:1 DO NOT SCALE DRAWING SHEET 1 OF 1

D

C

B

A

# Mouser Electronics

Authorized Distributor

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