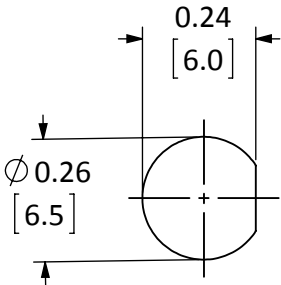
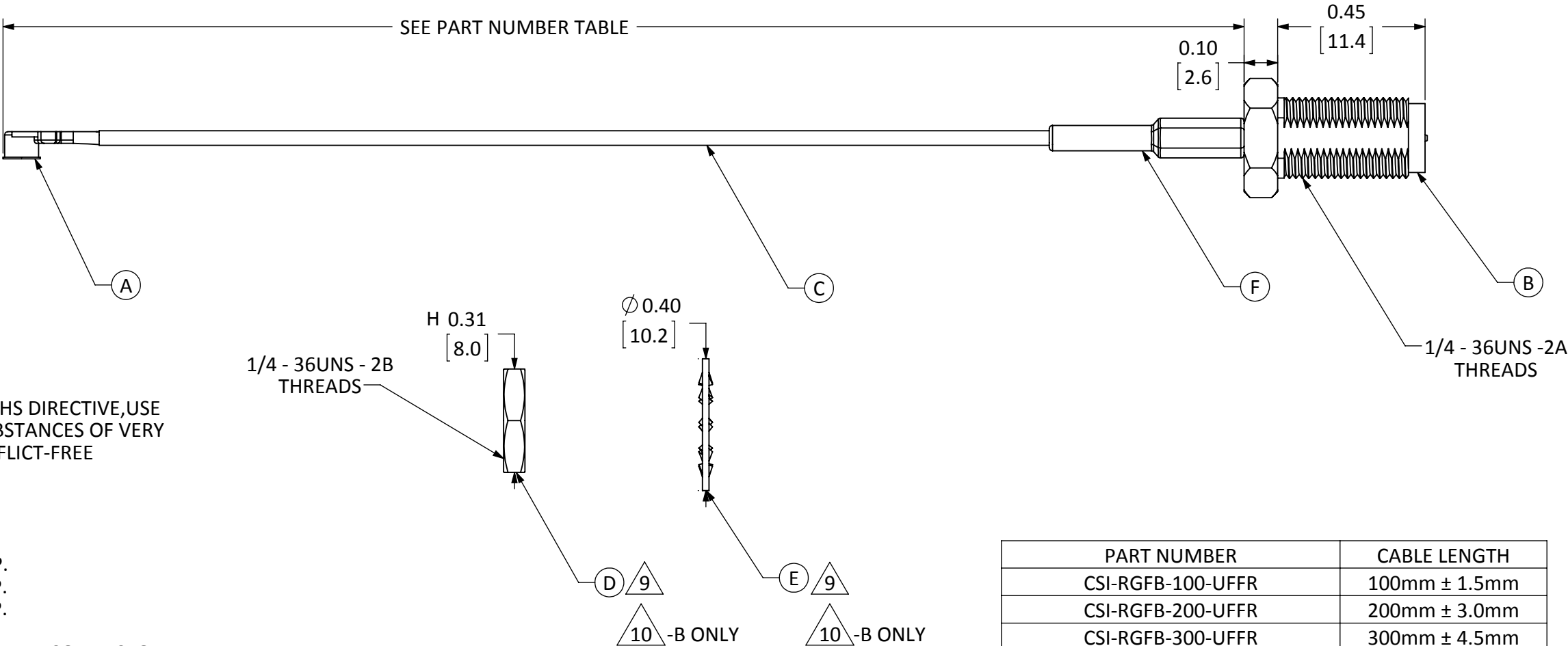


ITEM	DESCRIPTION	MATERIAL	FINISH
A	U.FL PLUG	BRASS	GOLD
B	RP-SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	GOLD
C	CABLE	1.13mm COAXIAL	GRAY
D	NUT	BRASS	GOLD
E	WASHER	BRASS	GOLD
F	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	14-MAY-15	SAH
B	UPDATED NOTES NUMBERING; UPDATED NOTE 5; ADDED FLAG NOTE 7 AND VIEW TO ILLUSTRATE CONNECTOR ORIENTATION; ADDED DIMESIONS; UPDATED DESCRIPTION TABLE	1-SEP-15	SAH
C	UPDATED TO ADD DIMENSIONS TO NUT AND WASHER	13-JUL-16	SAH
D	UPDATED NOTES TO ADD TORQUE SPECIFICATIONS AND PACKAGING INSTRUCTIONS; ADDED MOUNTING HOLE; ADDED "-B" PART NUMBERS; UPDATED DIMENSIONS	27-OCT-17	CLL



RECOMMENDED  
MOUNTING HOLE



- 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.
  - CONNECTORS TO BE APPLIED IN ACCORDANCE WITH CONNECTOR SUPPLIER RECOMMENDED PROCEDURE
  - TORQUE SPECIFICATIONS:
    - BULKHEAD MOUNTING NUT TORQUE: 7 TO 10 in-lbs.
    - RECOMMENDED MATING TORQUE: 7 TO 10 in-lbs.
- 8 CONNECTORS TO BE ORIENTED WITH U.FL CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNNECTOR THREAD FLAT FACE, AS SHOWN.
- 9 INSTALL WASHER (ITEM E) AND NUT (ITEM D) ONTO CONNECTOR BODY (ITEM B).
- 10 -B PART NUMBERS ONLY: SHIP WASHERS (ITEM E) AND NUTS (ITEM D) IN SEPARATE BAGS OF 100 PIECES EACH.

PART NUMBER	CABLE LENGTH
CSI-RGFB-100-UFFR	100mm ± 1.5mm
CSI-RGFB-200-UFFR	200mm ± 3.0mm
CSI-RGFB-300-UFFR	300mm ± 4.5mm
CSI-RGFB-100-UFFR-B	100mm ± 1.5mm
CSI-RGFB-200-UFFR-B	200mm ± 3.0mm
CSI-RGFB-300-UFFR-B	300mm ± 4.5mm

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

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

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

SIZE <b>B</b>	DWG. NO. CSI-RGFB-ccc-UFFR-p	REV <b>D</b>
SCALE: 2.5:1	DO NOT SCALE DRAWING	SHEET 1 OF 1

# Mouser Electronics

Authorized Distributor

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## Linx Technologies:

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[B](#) [CSI-RGFB-300-UFFR-B](#)