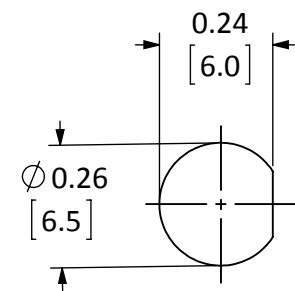
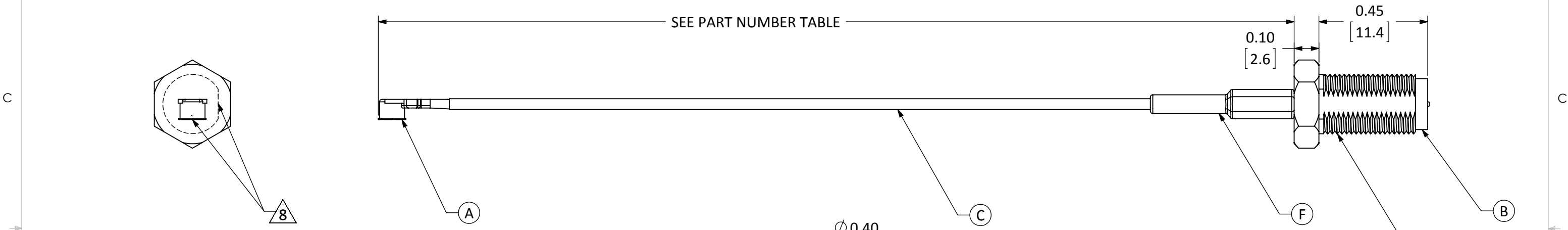


ITEM	DESCRIPTION	MATERIAL	FINISH
A	U.FL PLUG	BRASS	GOLD
B	RP-SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	GOLD
C	CABLE	1.13mm COAXIAL	GRAY
D	NUT	BRASS	GOLD
E	WASHER	BRASS	GOLD
F	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

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



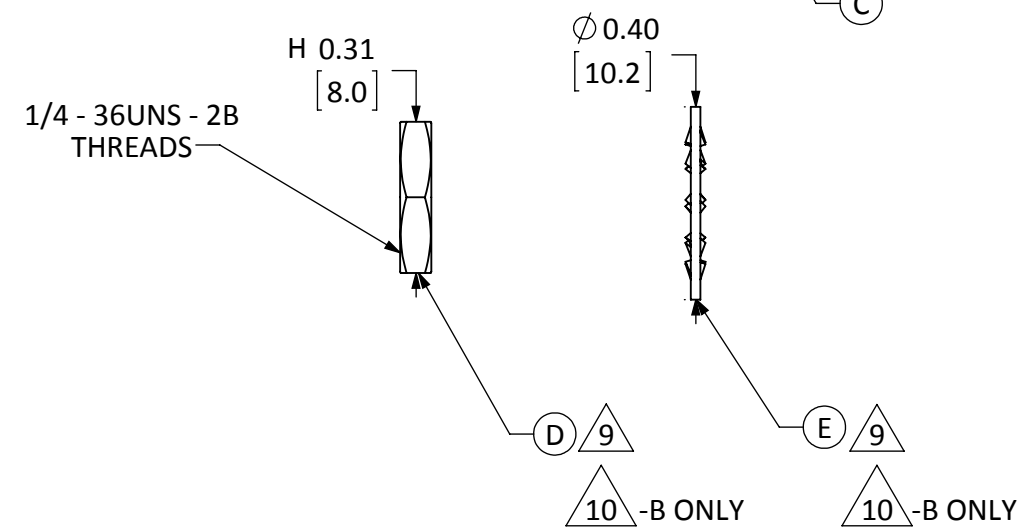
RECOMMENDED MOUNTING HOLE



- 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:  $50\Omega \pm 3\Omega$
    - INSERTION LOSS: 100mm - 0.34vf IN GHz TYP.
    - 200mm - 0.56vf IN GHz TYP.
    - 300mm - 0.73vf IN GHz TYP.

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

TITLE: **CABLE ASSEMBLY, U.FL TO FEM. BLKHD RP-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: 14-APR-15  
ENGR: C.LEWIS DT: 14-MAY-15

SIZE DWG. NO. REV  
**B** CSI-RGFB-ccc-UFFR-p **D**

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