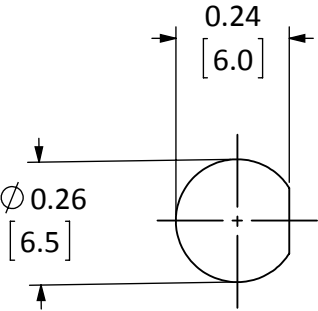
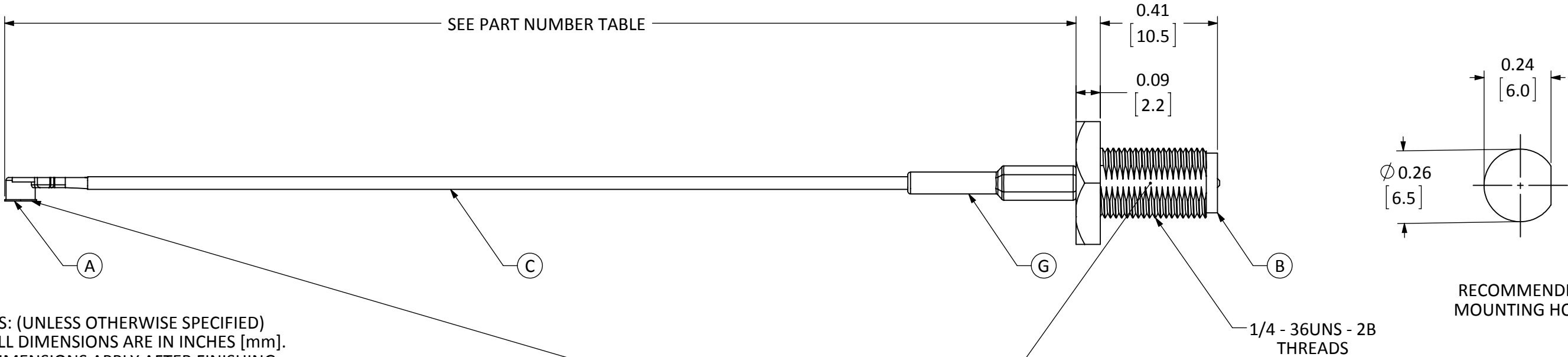
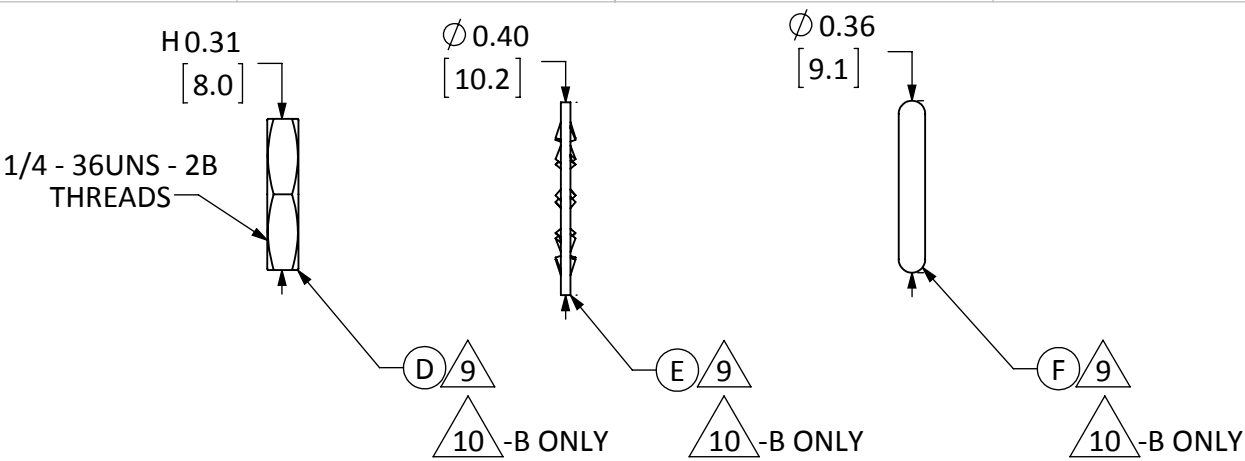


ITEM	DESCRIPTION	MATERIAL	FINISH
A	U.FL PLUG	BRASS	GOLD
B	SEALED RP-SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	GOLD
C	CABLE	1.13mm COAXIAL	GRAY
D	NUT	BRASS	GOLD
E	WASHER	BRASS	GOLD
F	O-RING	Si RUBBER	BLACK
G	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	18-AUG-17	CLL
B	UPDATED NOTES TO ADD TORQUE SPECIFICATIONS AND PACKAGING INSTRUCTIONS; ADDED MOUNTING HOLE; ADDED "B" PART NUMBERS; UPDATED DIMENSIONS	27-OCT-17	CLL



- 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.
  - 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.
  - CONNECTORS TO BE ORIENTED WITH U.FL CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNECTOR THREAD FLAT FACE, AS SHOWN.
  - INSTALL O-RING (ITEM F), WASHER (ITEM E) AND NUT (ITEM D) ONTO CONNECTOR (ITEM B).
  - B PART NUMBERS ONLY: SHIP O-RINGS (ITEM F), WASHERS (ITEM E) AND NUTS (ITEM D) IN SEPARATE BAGS OF 100 PIECES EACH.

PART NUMBER	CABLE LENGTH
CSI-RGFI-100-UFFR	100mm $\pm$ 1.5mm
CSI-RGFI-200-UFFR	200mm $\pm$ 3.0mm
CSI-RGFI-300-UFFR	300mm $\pm$ 4.5mm
CSI-RGFI-100-UFFR-B	100mm $\pm$ 1.5mm
CSI-RGFI-200-UFFR-B	200mm $\pm$ 3.0mm
CSI-RGFI-300-UFFR-B	300mm $\pm$ 4.5mm

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MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
	SURFACE FINISH: $\sqrt{}$ ANGLES: $\pm 1^\circ$	
	TOLERANCES: .X $\pm$ .1 .XX $\pm$ .01 .XXX $\pm$ .005	
FINISH:	DRAWN: B.MURPHY DT: 26-JUL-17	
	ENGR: D.VARATHARAJAN DT: 18-AUG-17	

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

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

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

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