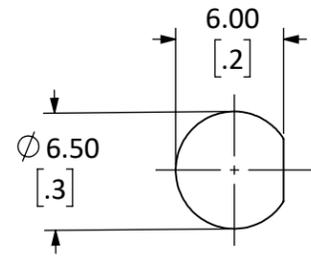
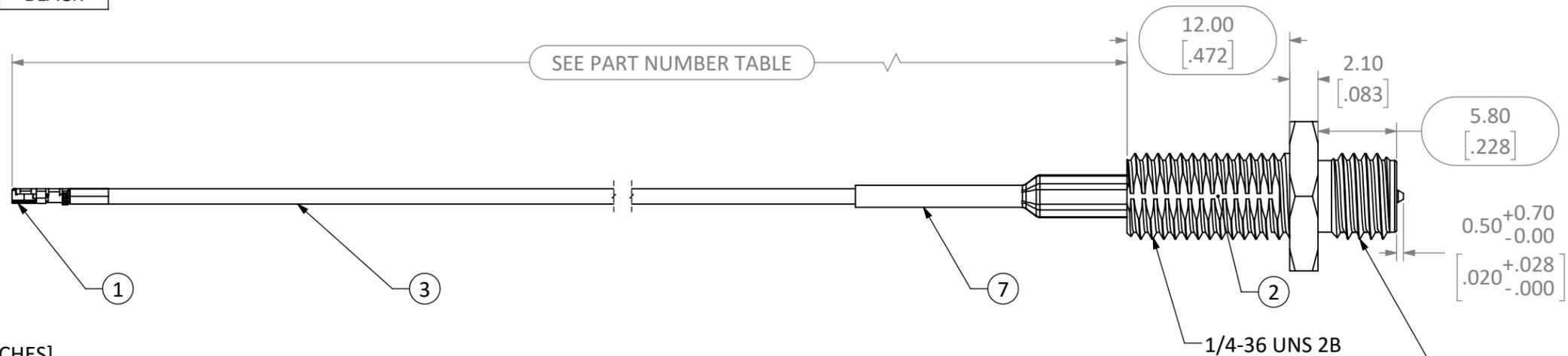


ITEM	DESCRIPTION	MATERIAL	FINISH
1	U.FL PLUG	BRASS	GOLD
2	SEALED RP-SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	GOLD
3	CABLE	1.13mm COAXIAL	GRAY
4	NUT	BRASS	GOLD
5	WASHER	BRASS	GOLD
6	O-RING	Si RUBBER	BLACK
7	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

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



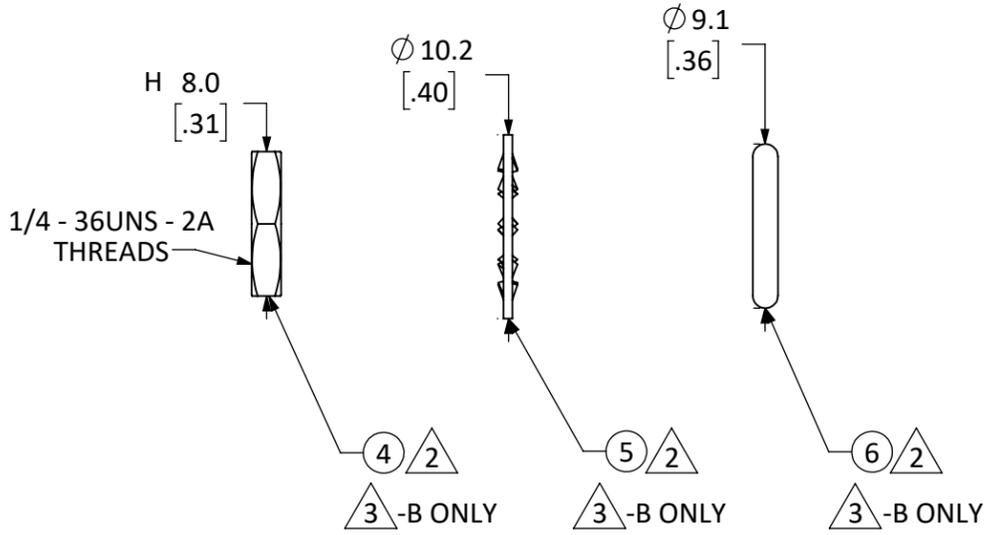
RECOMMENDED MOUNTING HOLE



RP-SMA TYPE REVERSE POLARITY INTERCONNECT WITH LIKE TYPE PART 15 COMPLIANT CONNECTORS.

NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]
- 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.
- ELECTRICAL PROPERTIES ARE LISTED FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
 - MINIMUM FREQUENCY RANGE: DC TO 3GHz.
 - CABLE ASSEMBLY SPECIFICATIONS;
 - CHARACTERISTIC IMPEDENCE: 50Ω ± 3Ω
 - 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.
- MECHANICAL PROPERTIES
 - BULKHEAD MOUNTING NUT TORQUE: 7 TO 10 in-lbs.
 - RECOMMENDED MATING TORQUE: 7 to 10 in-lbs
- 1** CONNECTORS TO BE ORIENTED WITH U.FL CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNECTOR THREAD FLAT FACE, AS SHOWN.
- 2** INSTALL O-RING (ITEM F), WASHER (ITEM E) AND NUT (ITEM D) ONTO CONNECTOR BODY (ITEM B).
- 3** -B PART NUMBERS ONLY: SHIP O-RINGS (ITEM F), WASHERS (ITEM E) AND NUTS (ITEM D) IN SEPARATE BAGS OF 100 PIECES EACH.
- LABEL LOT BAG AND BOX IAW LINX LABEL DRAWING [MEC-LBL-4x2.5-PAPER-ID]



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

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STE 159 ORT LANE
MERLIN, OR 97532

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
WEIGHT:	.X ± 2.0 .XX ± 1.00 .XXX ± 5.00	ANGLES: ± 1° SURFACE: ✓
FINISH:	DRAWN: B.MURPHY DT: 26-JUL-17	
	ENGR: D.VARATHARAJAN 18-AUG-17	

TITLE: CABLE ASSEMBLY, U.FL TO FEM. BLKHD RP-SMA, 1.13mm CBL		
SIZE	DWG. NO.	REV
B	C-CSI-RGFE-ccc-UFFR-p	A
SCALE: 2.5:1	DO NOT SCALE DRAWING	SHEET 1 OF 1