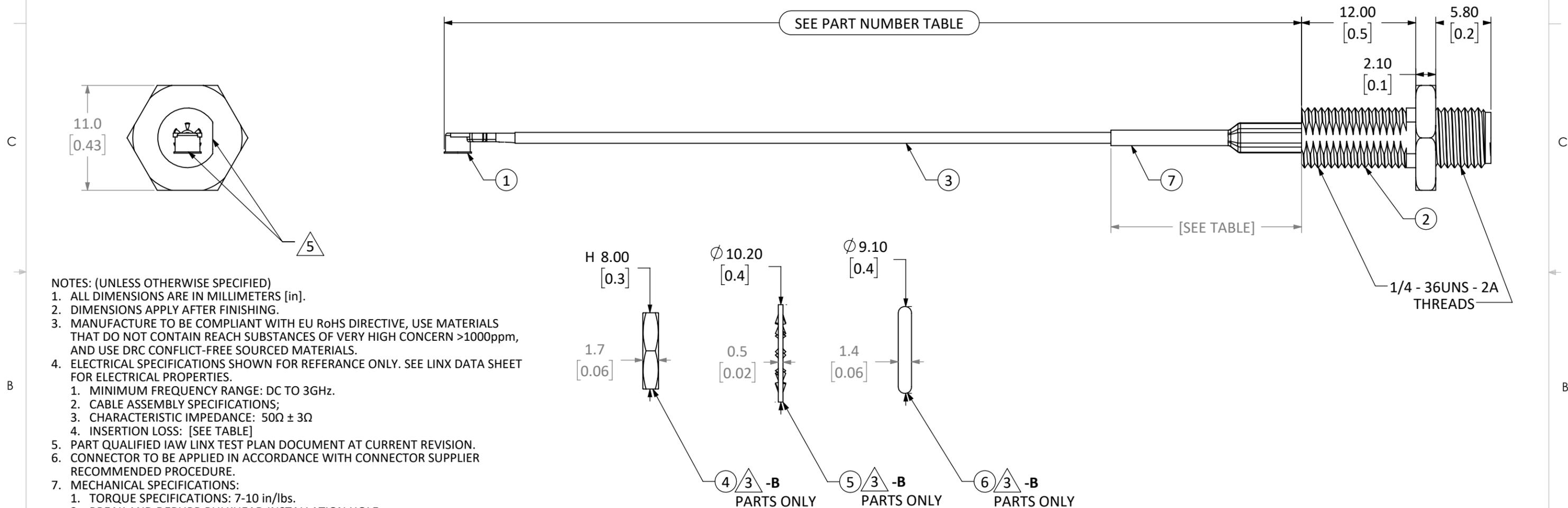
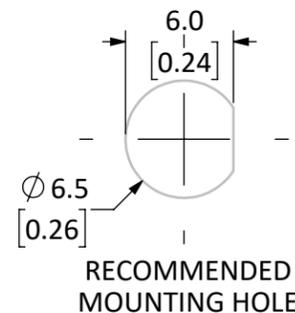


ITEM	U/M	QTY	DESCRIPTION
1	EA	1	CONN U.FL TYPE GOLD/BRASS RA
2	EA	1	CONN SMA TYPE BLKHD FEM GOLD/BRASS
3	mm	[SEE TABLE]	CABLE COAX 1.13mm GRAY
4	EA	1	NUT HEX .25-36 UNS 2B 8mm GOLD/BRASS
5	EA	1	WASHER LOCK .25ID .50THK GOLD/BRASS
6	EA	1	O-RING SIL Ø.36ODx.06THK BLACK
7	mm	[SEE TABLE]	TUBE HEAT SHRINK 4:1 POLYOL BLACK
8	mm	[SEE TABLE]	TUBE THIN-FLEX HEAT SHRINK POLYOL 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
C	UPDATED TABLE TO INCLUDE 30mm CABLE VARIATION. UPDATED NOTES TO CURRENT STANDARDS. U/M WAS INCHES. ADDED MAX PANE, AND MIN BEND RADIUS. THIN WALL SHORTENED HEAT SHRINK USED FOR SHORTER CABLE.	JHAGER 2/22/22	



- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN MILLIMETERS [in].
 - 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 SPECIFICATIONS SHOWN FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
 - MINIMUM FREQUENCY RANGE: DC TO 3GHz.
 - CABLE ASSEMBLY SPECIFICATIONS;
 - CHARACTERISTIC IMPEDANCE: 50Ω ± 3Ω
 - INSERTION LOSS: [SEE TABLE]
 - PART QUALIFIED IAW LINX TEST PLAN DOCUMENT AT CURRENT REVISION.
 - CONNECTOR TO BE APPLIED IN ACCORDANCE WITH CONNECTOR SUPPLIER RECOMMENDED PROCEDURE.
 - MECHANICAL SPECIFICATIONS:
 - TORQUE SPECIFICATIONS: 7-10 in/lbs.
 - BREAK AND DEBURR BULKHEAD INSTALLATION HOLE.
 - MAX BULKHEAD THICKNESS: ~8.4mm [11/32"]
 - CABLE MINIMUM BEND RADIUS: R4.5-5mm [R 3/16"]
 - CONNECTORS TO BE ORIENTED WITH U.FL CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNECTOR THREAD FLAT FACE, AS SHOWN.
 - PACKAGING:
 - MARK LOT BAG, AND BOX WITH THE FOLLOWING INFORMATION ONLY:
 - LOT NUMBER
 - LINX PART NUMBER
 - QUANTITY
 - COUNTRY OF ORIGIN
 - TYPICAL KITTING ARRANGEMENT. INSTALL O-RING [FN6], WASHER [FN5] AND NUT [FN4] ONTO CONNECTOR BODY [FN2].
 - B PART NUMBERS ONLY:** SHIP O-RINGS [FN6], WASHERS [FN5] AND NUTS [FN4] IN SEPARATE BAGS OF 100 PIECES EACH AND MARK WITH END ITEM -B PART NUMBER BEFORE PLACING IN LOT BAGS TO BE LABELED AS ABOVE.

PART NUMBER	CABLE LENGTH	INSERTION LOSS	HEAT SHRINK
CSI-SGFE-30-UFFR	30mm ± 3mm		[FN8] 10mm
CSI-SGFE-100-UFFR	100mm ± 1.5mm	0.34vf IN GHz TYP.	[FN7] 20mm
CSI-SGFE-200-UFFR	200mm ± 3.0mm	0.56vf IN GHz TYP.	[FN7] 20mm
CSI-SGFE-300-UFFR	300mm ± 4.5mm	0.73vf IN GHz TYP.	[FN7] 20mm

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STE 159 ORT LANE
MERLIN, OR 97532
connectivity

MATERIAL: VAR	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:	TITLE: CABLE ASSEMBLY, U.FL TO FEM. BLKHD SMA, 1.13mm CBL
WEIGHT:	.X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES: ±1° SURFACE:	SIZE DWG. NO. REV B C-CSI-SGFE-ccc-UFFR-p C
FINISH:	DRAWN: B.MURPHY DT: 26-JUL-17 ENGR: DASARATHAN DT: 18-AUG-17	SCALE: 2.5:1 DO NOT SCALE DRAWING	SHEET 1 OF 1