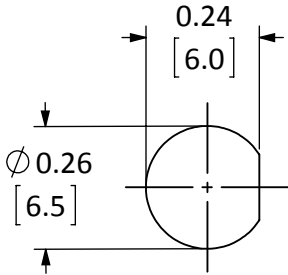
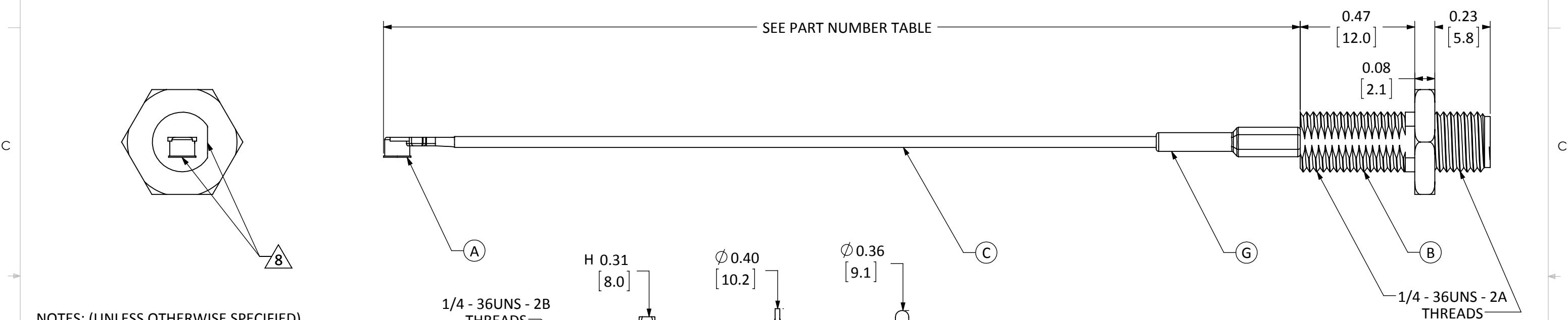


ITEM	DESCRIPTION	MATERIAL	FINISH
A	U.FL PLUG	BRASS	GOLD
B	SEALED SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	GOLD
C	CABLE	1.13mm COAXIAL	GRAY
D	NUT	BRASS	GOLD
E	WASHER	BRASS	GOLD
F	O-RING	Si RUBBER	BLACK
G	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

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



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.
 - CONNECTOR 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 O-RING (ITEM F), WASHER (ITEM E) AND NUT (ITEM D) ONTO CONNECTOR BODY (ITEM B).

- 10 - 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-SGFE-100-UFFR	100mm ± 1.5mm
CSI-SGFE-200-UFFR	200mm ± 3.0mm
CSI-SGFE-300-UFFR	300mm ± 4.5mm
CSI-SGFE-100-UFFR-B	100mm ± 1.5mm
CSI-SGFE-200-UFFR-B	200mm ± 3.0mm
CSI-SGFE-300-UFFR-B	300mm ± 4.5mm

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MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
	SURFACE FINISH: $\sqrt{}$ ANGLES: ±1°	
	TOLERANCES: .X ±.1 .XX ±.01 .XXX ±.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 SMA, 1.13mm CBL			
SIZE B	DWG. NO. CSI-SGFE-ccc-UFFR-p		REV B
SCALE: 2.5:1		DO NOT SCALE DRAWING	SHEET 1 OF 1

Mouser Electronics

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[TE Connectivity:](#)

[CSI-SGFE-200-UFFR-B](#) [CSI-SGFE-100-UFFR-B](#) [CSI-SGFE-300-UFFR-B](#)