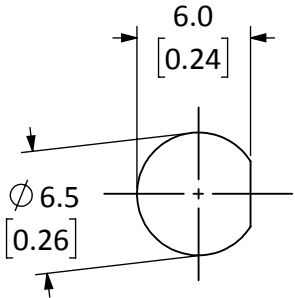
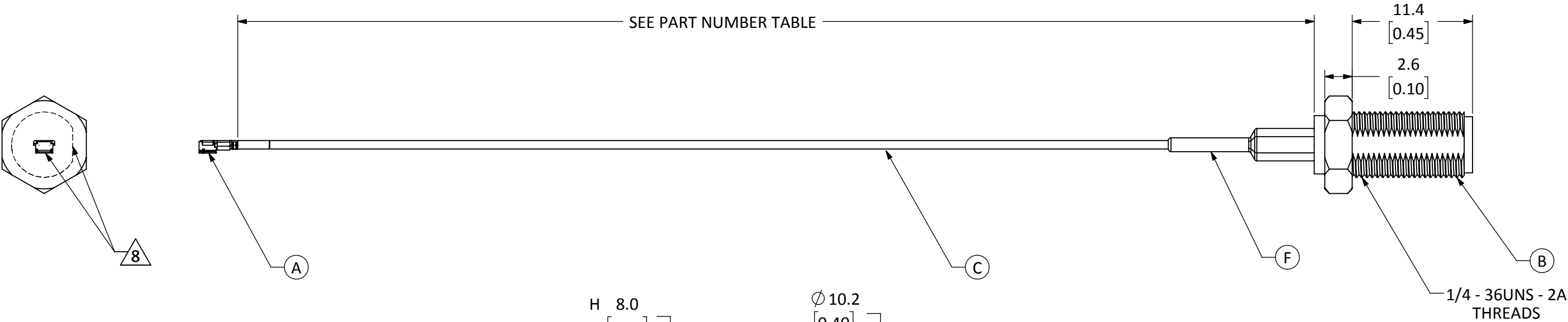


ITEM	DESCRIPTION	MATERIAL	FINISH
A	MHF PLUG TYPE III	BRASS	GOLD
B	SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	GOLD
C	CABLE	0.81mm COAXIAL	BLACK
D	NUT	BRASS	GOLD
E	WASHER	BRASS	GOLD
F	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	13-NOV-19	CLL



RECOMMENDED
MOUNTING HOLE



- 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.
 - MINIMUM FREQUENCY RANGE: DC TO 6GHz.
 - CABLE ASSEMBLY SPECIFICATIONS;
 - CHARACTERISTIC IMPEDANCE: $50\Omega \pm 3\Omega$
 - INSERTION LOSS: 100mm - 0.37vf IN GHz TYP.
200mm - 0.68vf 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 MHF3 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).

PART NUMBER	CABLE LENGTH
CSJ-SGFB-100-MHF3	100mm \pm 1.5mm
CSJ-SGFB-200-MHF3	200mm \pm 3.0mm

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MATERIAL:	TOLERANCES: 0.50 [.020]-5.00 [.200]= \pm 0.20 [.008] 5.00 [.200]-30.00 [1.200]= \pm 0.40 [.016] 30.0 [1.20]-120.0 [4.75]= \pm 0.60 [0.24] 120.0 [4.75]-315.0 [12.40]= \pm 1.0 [.040]	PROJECTION: ANGLES: $\pm 1^\circ$
FINISH:	DRAWN: B.MURPHY ENGR: D.VARATHARAJAN	DT: 5-NOV-19 DT: 13-NOV-19



TITLE:
**CBL ASSEMBLY, MHF3 TO FEM.
BLKHD SMA, 0.81mm CBL**

SIZE	DWG. NO.	REV
B	CSJ-SGFB-***-MHF3	A

SCALE: 2.5:1	DO NOT SCALE DRAWING	SHEET 1 OF 1
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[CSJ-SGFB-200-MHF3](#)