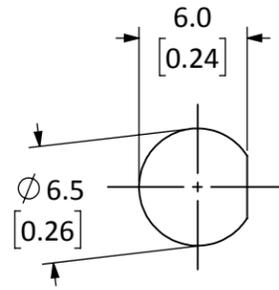
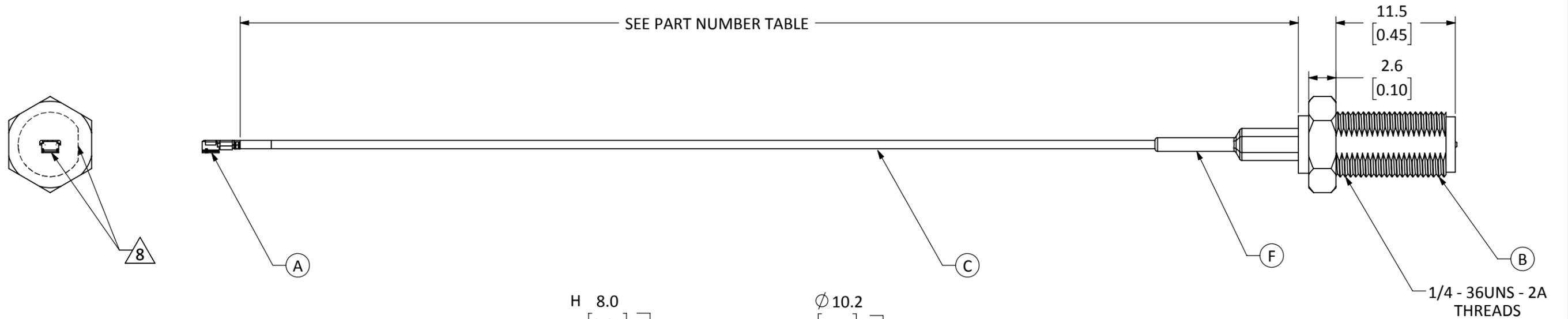


ITEM	DESCRIPTION	MATERIAL	FINISH
A	MHF PLUG TYPE III	BRASS	GOLD
B	RP-SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	GOLD
C	CABLE	0.81mm COAXIAL	BLACK
D	NUT	BRASS	GOLD
E	WASHER	BRASS	GOLD
F	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

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



RECOMMENDED MOUNTING HOLE

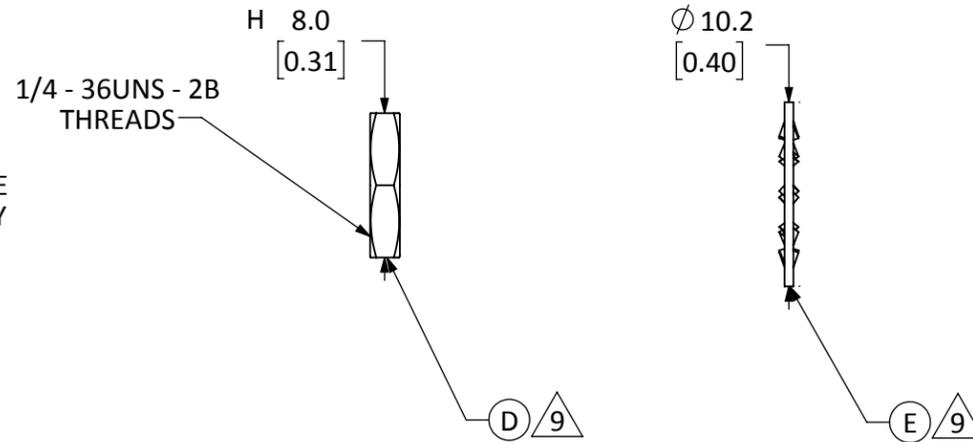


NOTES: (UNLESS OTHERWISE SPECIFIED)

- 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-RGFB-100-MHF3	100mm ± 1.5mm
CSJ-RGFB-200-MHF3	200mm ± 3.0mm

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

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

MATERIAL:	TOLERANCES: 0.50 [.020]-5.00 [.200]=+0.20 [.008] 5.00 [.200]-30.00 [1.200]=+0.40 [.016] 30.0 [1.20]-120.0 [4.75]=+0.60 [0.24] 120.0 [4.75]-315.0 [12.40]=+1.0 [.040]	PROJECTION: 	SIZE	DWG. NO.	REV
FINISH:	DRAWN: B.MURPHY DT: 23-SEP-19	ANGLES: ±1°	<b>B</b>	CSJ-RGFB-***-MHF3	<b>A</b>
	ENGR: D.VARATHARAJAN DT: 13-NOV-19	SCALE: 2.5:1	DO NOT SCALE DRAWING	SHEET 1 OF 1	LDCDFB_C