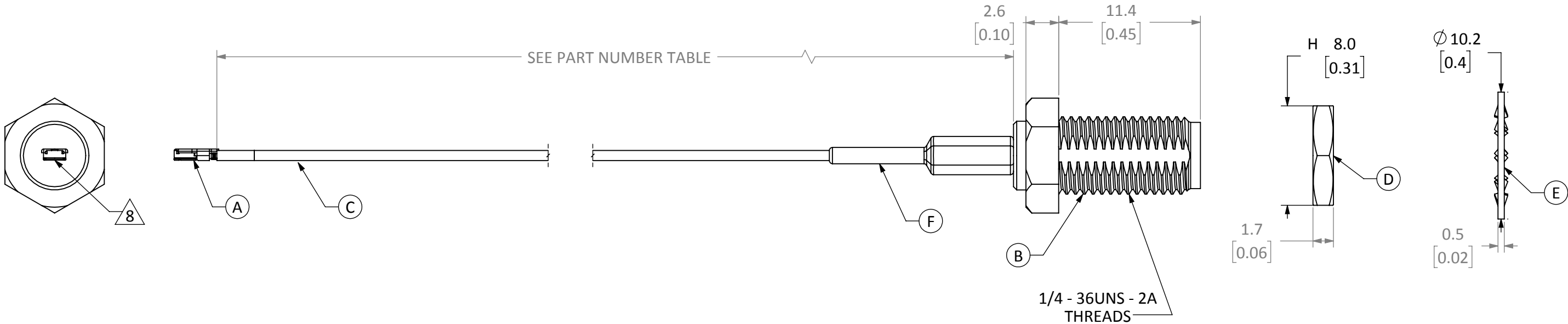
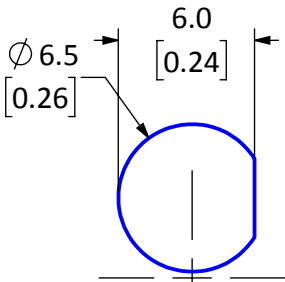


ITEM	DESCRIPTION	MATERIAL	FINISH
A	MHF PLUG TYPE IV	BRASS	GOLD
B	CONNECT SMA FEM. BULKHEAD	BRASS	GOLD
C	CABLE, COAX, 0.81mm	COAXIAL	BLACK
D	NUT, 1/4-36UNS THIN, GLD	BRASS	GOLD
E	WASH, LOCK, .05THK	BRASS	GOLD
F	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	13-NOV-19	CLL
B	UPDATED VISUAL AND NOTES TO CURRENT DATA. ADDED 150mm LENGTH TO TABULATION.	JHAGER 3/19/2021	DV 3/30/21
C	UPDATED BULKHEAD DESIGN. FLANGE [C,3] 2.6mm WAS 7.0mm.	JHAGER 4/2/2021	



- 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: 50Ω ± 3Ω
  - CONNECTOR TO BE APPLIED IN ACCORDANCE WITH CONNECTOR SUPPLIER RECOMMENDED PROCEDURE. INTERFACE IAW MIL-STD-348B
  - TORQUE SPECIFICATIONS:  
-BULKHEAD MOUNTING NUT TORQUE: 7 TO 10 in-lbs.  
-RECOMMENDED MATING TORQUE: 7 TO 10 in-lbs.
  - CONNECTORS TO BE ORIENTED WITH MHF4 CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNECTOR THREAD FLAT FACE, AS SHOWN. CABLE SUPPLIED WITH WASHER AND NUT INSTALLED.
  - MAX PANEL THICKNESS 6.5mm



RECOMMENDED  
MOUNTING HOLE

PART NUMBER	CABLE LENGTH	INSERTION LOSS
CSJ-SGFB-100-MHF4	100mm ± 1.5mm	0.37vf IN GHz TYP.
CSJ-SGFB-150-MHF4	150mm ± 2.0mm	0.53vf IN GHz TYP.
CSJ-SGFB-200-MHF4	200mm ± 3.0mm	0.68vf IN GHz TYP.
CSJ-SGFB-300-MHF4	300mm ± 3.0mm	1.00vf IN GHz TYP.

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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 [.024] 120.0 [4.75]-315.0 [12.40]= ±1.0 [.040]	PROJECTION: ANGLES: ±1°
FINISH:	DRAWN: B.MURPHY ENGR: S HOGAN	DT: 5-NOV-19 DT: 13-NOV-19

TE connectivity		
TITLE: CBL ASSEMBLY, MHF4 TO FEM. BLKHD SMA, 0.81mm CBL		
SIZE B	DWG. NO. CSJ-SGFB-ccc-MHF4	REV B
SCALE: 3:1	DO NOT SCALE DRAWING	SHEET 1 OF 1

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