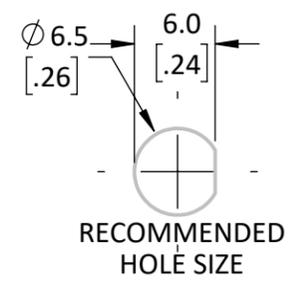
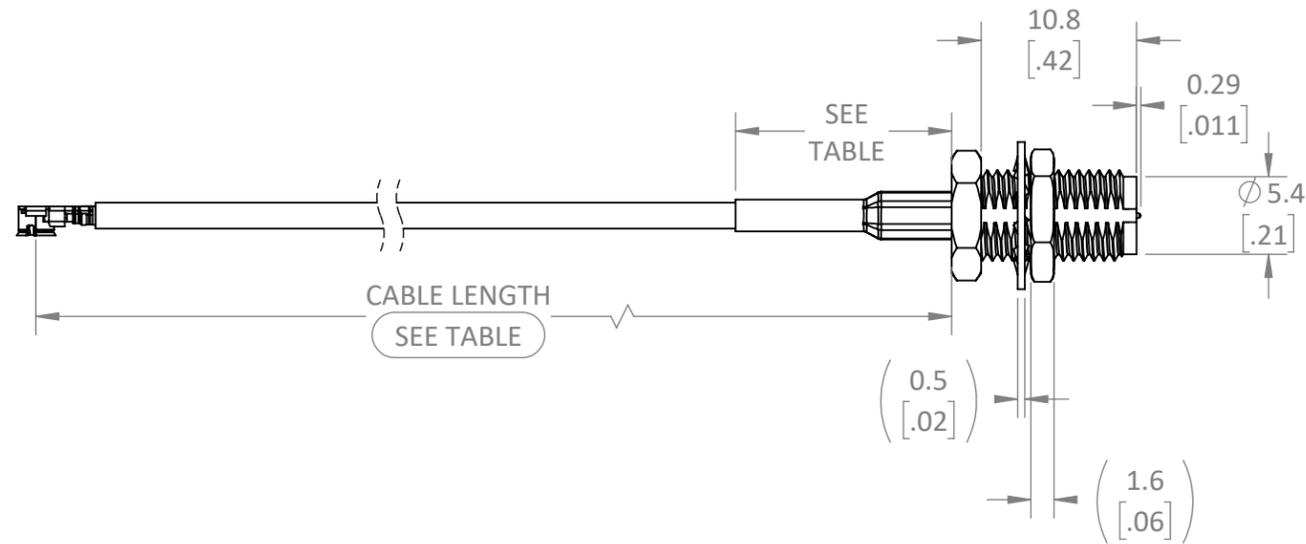


REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 4/21/22	DV 5/08/22

- 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 PROPERTIES SHOWN FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR COMPLETE SPECIFICATIONS.
 - MINIMUM FREQUENCY RANGE: DC TO 3GHz.
 - CHARACTERISITIC IMPEDANCE: $50\Omega \pm 3\Omega$
 - INSERTION LOSS: 150mm - 0.45vf IN GHz TYP.
 - CABLE QUALIFIED IAW LINX INTERNAL TEST PLAN DOCUMENT AT LATEST REVISION.
 - MECHANICAL:
 - CONNECTORS TO BE APPLIED IAW IPC/WHMA-A-620 TO CONENCTOR SUPPLIER GUIDANCE.
 - TORQUE SPECIFICATIONS:
 - BULKHEAD MOUNTING NUT TORQUE: 7 TO 10 in-lbs.
 - CONNECTORS TO BE ORIENTED WITH U.FL CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNECTOR THREAD FLAT FACE, AS SHOWN.
 - INTERFACE REVERSE POLARITY SMA TYPE TO INTERFACE WITH LIKE STYLE CONNECTORS.
 - MAX PANEL THICKNESS: 1.5 [.06"]
 - MINIMUM BEND RADIUS: 7.5 [.31"]
 - MAX MATING CYCLES: (FN2=500cycles) (FN3=30cycles)
 - INSTALL WASHER (FN6) AND NUT (FN5) ONTO CONNECTOR BODY (FN2).
 - LOT CODE
 - LINX PART NUMBER
 - QUANTITY
 - COUNTRY OF ORIGIN



BILL OF MATERIALS				
ITEM	QTY.	U/M	PART NUMBER	DESCRIPTION
1	SEE TABLE	mm	MEC-CBL-COA-RG178-NAT	CABLE COAX RG178 NATURAL
2	1	EA	CON-RPS-FEM-BLKHD	CONN RP-SMA TYPE FEM BLKHD GOLD/BRS
3	1	EA	CONMHF1-G-T	CON IPEX MHF1 TYPE 18 GOLD/BRS
4	SEE TABLE	mm	RG178-HSK	HEAT SHRINK POLY 2:1 BLACK
5	1	EA	NT-SMA-X	NUT HEX 8X1.6THK 1/4-36 UNS GOLD/BRS
6	1	EA	WS-SMA-X	WASH TOOTH 1/4 X .02THK GOLD/BRAS

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STE 159 ORT LANE
connectivity MERLIN, OR 97532

MATERIAL: VAR BRASS	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.		PROJECTION:
WEIGHT:	.X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES: ±1° SURFACE:	
FINISH: GOLD	DRAWN: JHAGER	DT: 4/21/22	
	ENGR: DASARATHAN	DT:	

TITLE: CABLE RP-SMA BULKHD TO MHF1/U.FL USING RG178 COAX

SIZE: B	DWG. NO.: C-CSB-RGFB-LLL-UFFR	REV: A
SCALE: 2:1	DO NOT SCALE DRAWING	SHEET 1 OF 1

LINX PART NUMBER	CABLE LENGTH	HEAT SHRINK LENGTH
CSB-RGFB-102-UFFR	102 ± 3	15 ± 2