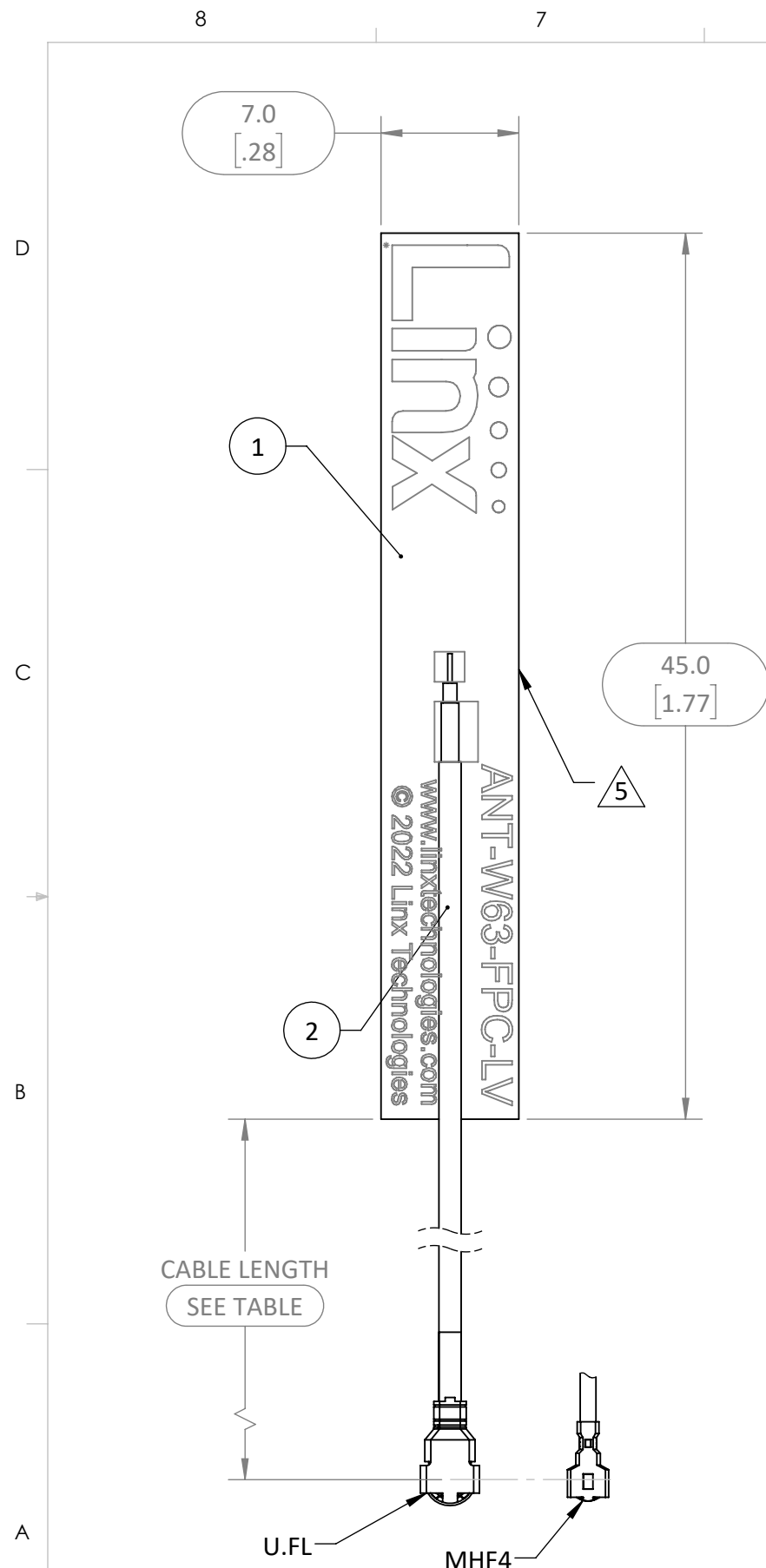


REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 6/28/22	



- 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.
 - MECHANICAL:
 - OPERATING TEMPERATURE: -30°C - +85°C
 - STORAGE TEMPERATURE: ~RH 50% @ 21°C TO ACHIEVE FULL PROPERTIES.
 - BEND RADIUS: 2mm [.078"] MAX.
 - THICKNESS NTE .3mm
 - ADHESIVE BACKING SPLIT DOWN CENTER FOR EASY REMOVAL
 - ELECTRICAL PROPERTIES SHOWN FOR INFORMATION ONLY. SEE LINX DATA SHEET FOR COMPLETE ELECTRICAL SPECIFICATIONS.
 - IMPEDANCE: 50Ω
 - VSWR: 2.4 MAX
 - FREQUENCY: 2400MHz - 7125MHz
 - MAX POWER: 5W
 - TYPE: DIPOLE, LINEAR, OMNI-DIRECTIONAL.
 - ANTENNA QUALIFIED IAW LINX INTRNAL TEST PLAN AT LATEST REVISION.
 - PACKAGE ANTENNA INDIVIDUALLY AND LABEL BOX AND/OR LOT BAG IAW LINX SUPPLIED DRAWING
 - STRIP CABLE ASSEMBLY [FN2] AS SHOWN AND PERMINANTLY ATTACH TO ANTENNA USING SOLDER IAW IPC J-STD-001 METHOD TO ACHIEVE SPECIFIED CABLE LENGTH AND CONNECTOR ORIENTATION.
 - APPLICATION OF ADHESIVE:
 - CLEAN SURFACES AND ENSURE NO LARGE GAPS ARE PRESENT.
 - REMOVE BACKING AND APPLY [FN3] ADHESIVE USING EVEN PRESSURE.
 - APPLY BETWEEN 21°C AND 38°C [70°F AND 100°F]
 - APPLY TO INSIDE CORNER OF NO LESS THAN 90° FOR OPTIMUM PERFORMANCE.

BILL OF MATERIALS				
ITEM	QTY.	U/M	PART NUMBER	DESCRIPTION
1	1	EA	PCB-ANT-W63-FPC-LV	ANTENNA W63 FPC ADHESIVE BACK
2	1	EA	SEE TABLE	CABLE COAX 50Ω 1.13mm BLACK
ANT-W63-FPC-LV50UF	50	CSI-UFFR-74.9-STCT	4.5	
ANT-W63-FPC-LV100UF	100	CSI-UFFR-124.9-STCT	4.5	
ANT-W63-FPC-LV150UF	150	CSI-UFFR-174.9-STCT	4.5	
ANT-W63-FPC-LV200UF	200	CSI-UFFR-224.9-STCT	4.5	
ANT-W63-FPC-LV50M4	50	CSI-MHF4-74.9-STCT	4.5	
ANT-W63-FPC-LV100M4	100	CSI-MHF4-124.9-STCT	4.5	
ANT-W63-FPC-LV150M4	150	CSI-MHF4-174.9-STCT	4.5	
ANT-W63-FPC-LV200M4	200	CSI-MHF4-224.9-STCT	4.5	

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STE connectivity 159 ORT LANE
MERLIN, OR 97532

TITLE: **ANTENNA W63 FLEXIBLE PCB VERTICAL ORIENTATION**

MATERIAL: Kapton MP467
WEIGHT:
FINISH: GOLD

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.
.X ±2.0
.XX ±1.0
.XXX ±.500

ANGLES: ±1°
SURFACE: √

PROJECTION:

DRAWN: JHAGER DT: 5/24/22
ENGR: DASARATHAN DT:

SIZE **B** DWG. NO. C-ANT-W63-FPC-LVXXXXX REV **A**

SCALE: 3:1 DO NOT SCALE DRAWING SHEET 1 OF 1