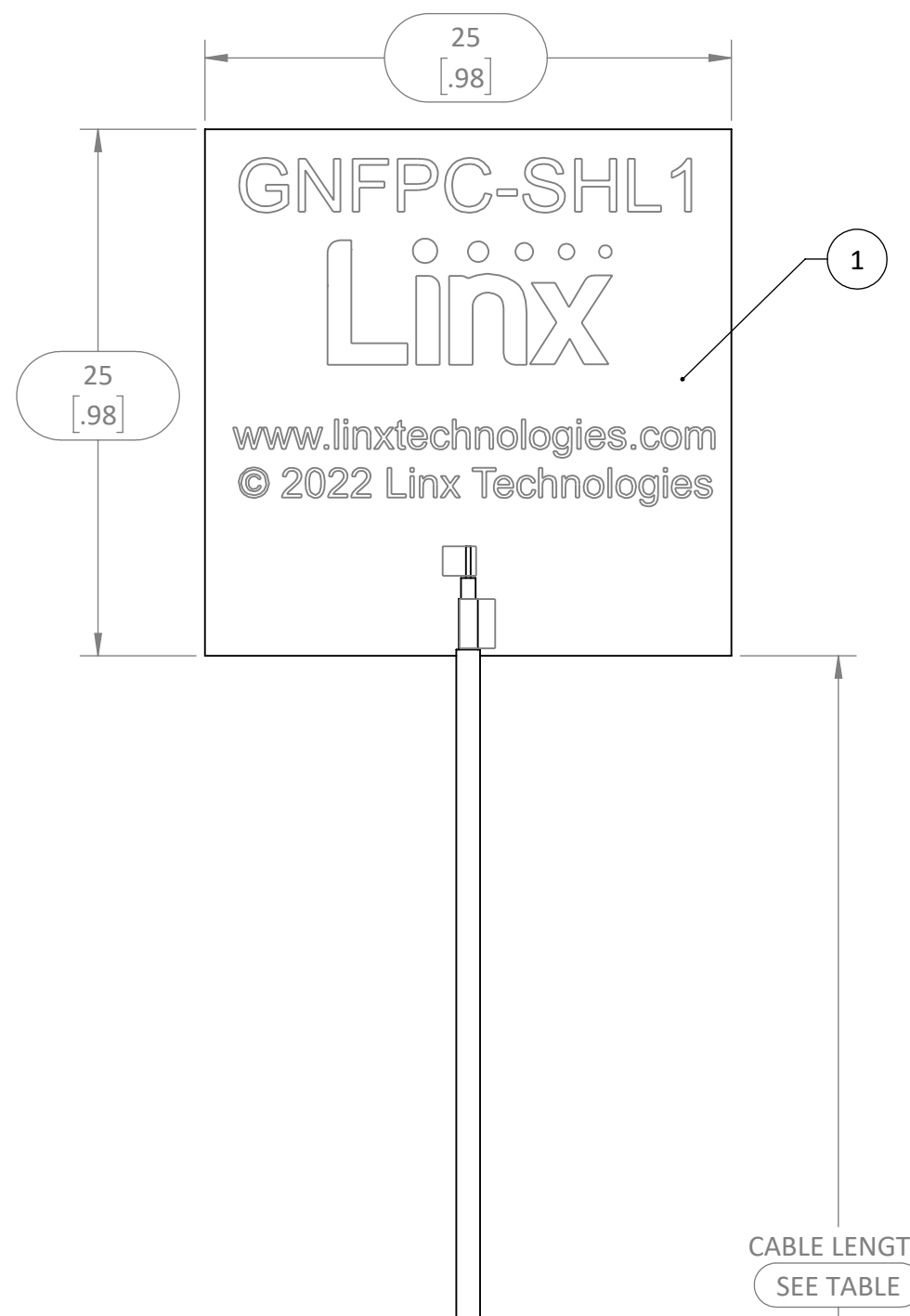


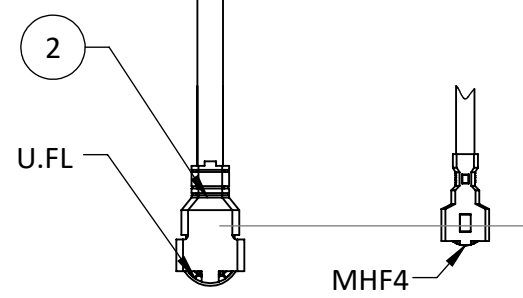
8 7 6 5 4 3 2 1

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 9/27/22	



- 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.
 - ELEMENT BODY THICKNESS NTE .3mm
 - ADHESIVE BACKING SPLIT AT CENTER LINE FOR EASY REMOVAL.
 - ELECTRICAL PROPERTIES SHOWN FOR INFORMATION ONLY. SEE LINX DATA SHEET FOR COMPLETE ELECTRICAL SPECIFICATIONS.
 - IMPEDANCE: 50Ω
 - VSWR: 2.0 MAX
 - FREQUENCY: GNSS BAND
 - MAX POWER: 5W
 - TYPE: DIPOLE, LINEAR, OMNI-DIRECTIONAL.
 - ANTENNA QUALIFIED IAW LINX INTERNAL TEST PLAN AT LATEST REVISION.
 - PACKAGE ANTENNA INDIVIDUALLY AND LABEL IAW LINX LABEL DRAWING [MEC-LBL-4x2.5-PAPER-ID]
 - CONSTRUCTION: STRIP CABLE ASSEMBLY AND PERMANENTLY ATTACH TO ANTENNA AS SHOWN USING SOLDER IAW IPC J-STD-001 METHOD TO ACHIEVE CONNECTOR ORIENTATION.
 - ANTENNA ASSEMBLY APPLICATION OF [FN3] ADHESIVE TO SURFACE:
 - CLEAN SURFACES AND ENSURE NO LARGE SURFACE GAPS ARE PRESENT.
 - REMOVE BACKING AND APPLY MP 467 ADHESIVE USING EVEN PRESSURE.
 - APPLY TO SURFACE BETWEEN 21°C AND 38°C [70°F AND 100°F]

ITEM NUMBER	CABLE LENGTH (mm) ± 2.0mm	CABLE PART NUMBER	CABLE MIN. BEND RADIUS
ANT-GNFPC-SHL150UF	50	CSI-UFFR-55.2-STCT	4.5
ANT-GNFPC-SHL1100UF	100	CSI-UFFR-105.2-STCT	4.5
ANT-GNFPC-SHL1150UF	150	CSI-UFFR-155.2-STCT	4.5
ANT-GNFPC-SHL1200UF	200	CSI-UFFR-205.2-STCT	4.5
ANT-GNFPC-SHL150M4	50	CSI-MHF4-55.2-STCT	4.5
ANT-GNFPC-SHL1100M4	100	CSI-MHF4-105.2-STCT	4.5
ANT-GNFPC-SHL1150M4	150	CSI-MHF4-155.2-STCT	4.5
ANT-GNFPC-SHL1200M4	200	CSI-MHF4-205.2-STCT	4.5



BILL OF MATERIALS				
ITEM	QTY.	U/M	PART NUMBER	DESCRIPTION
1	1	EA	PCB-ANT-GNFPC-SHL1	ANTENNA, GNSS FPC SHL1 ADH BACK
2	1	EA	SEE TABLE	CABLE, COAX, 1.13mm, BLACK

WARNING: THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.

STE connectivity 159 ORT LANE
MERLIN, OR 97532

TITLE: **ANTENNA GNSS FLEXIBLE ADHESIVE BACKED**

MATERIAL: KAPTON INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. PROJECTION:

WEIGHT: .X ± 2.0 ANGLES: ± 1°
.XX ± 1.00 SURFACE:
.XXX ± .500

FINISH: DRAWN: JHAGER DT: 9/27/22
ENGR: DASARATHAN DT:

SIZE DWG. NO. REV
B C-ANT-GNFPC-SHL1XXXXX **A**

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