

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 9/1/2021	

- 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.
 - ENVIRONMENTAL:
 - OPERATING TEMP: -40°C - 85°C (STORAGE UP TO 90°C)
 - RH:40%-90%
 - ELECTRICAL THROUGHPUT:
 - FRQ RANGE: [L1: 1.58GHz ± 10.0 MHz] [L2: 1.23GHz ±10.0MHz]
 - GAIN: [L1: 29dB ± 3dB (+25°C ±5°)] [L2: 29dB ± 3dB (+25°C ±5°)]
 - IMPEDANCE: 50Ω
 - LNA NOISE: [L1: .9dB TYP (+25°C ±5°)] [L2: 1.1db TYP (+25°C ±5°)]
 - VSWR: 2.0 MAX
 - SILKSCREEN LABELING USING BLACK PERMINANT LETTERING APPROXIMATELY AS SHOWN. FONT AND SIZE CONTROLLED BY OEM DATA AGREEMANT AT LATEST REVISION.

5	CONNECTOR U.FL BRAS/GOLD	1	EA
4	CABLE 1.13mm COAX GREY	94	mm
3	ACTIVE LNA BOARD AND AMPLIFIER	1	EA
2	ANTENNA 15X15 GNSS	1	EA
1	ANTENNA 25X25 GNSS CP RHCP	1	EA
ITEM	DESCRIPTION	QTY.	Unit
BILL OF MATERIALS			

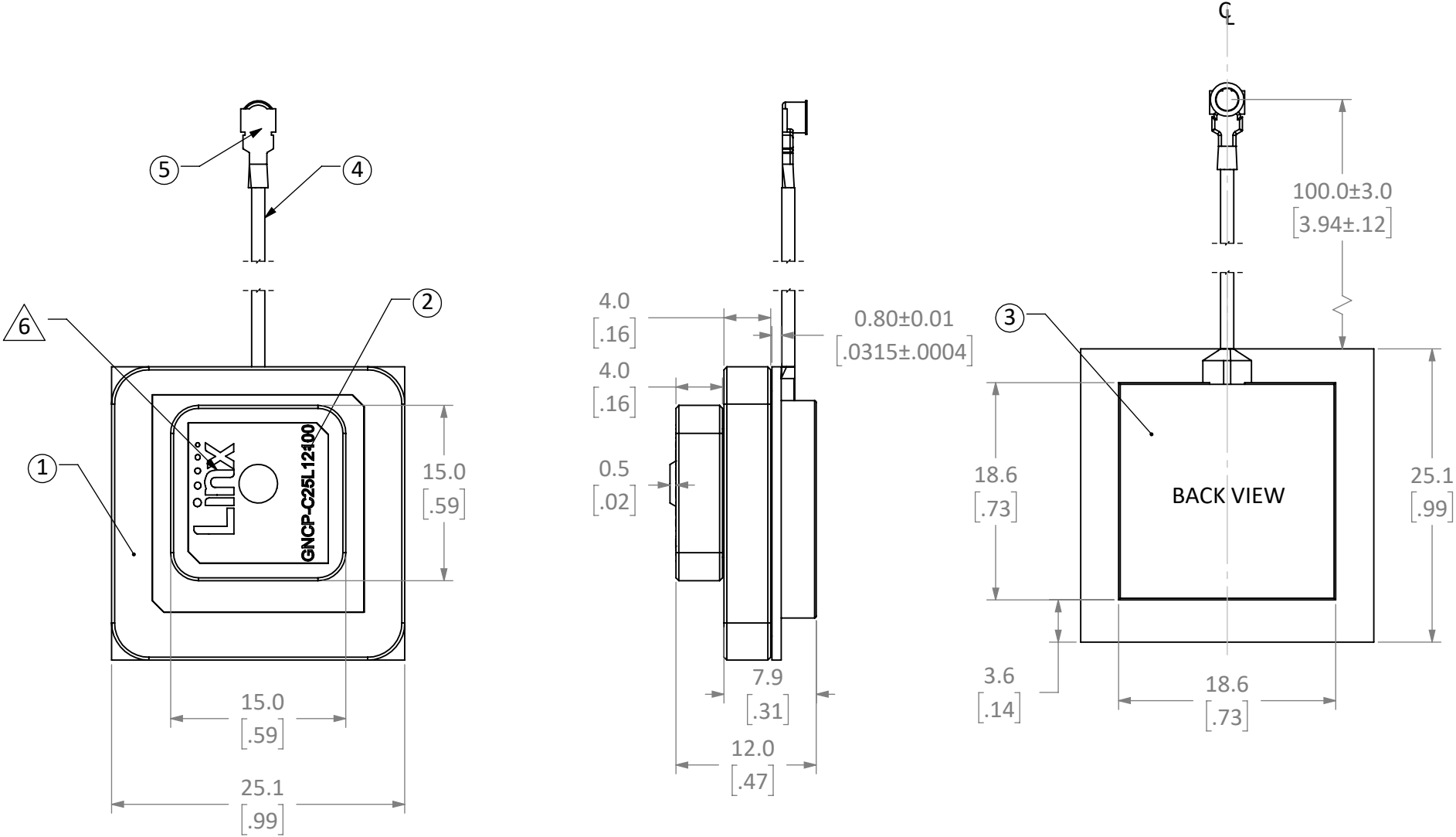
STE 159 ORT LANE
connectivity MERLIN, OR 97532

TITLE:
ANT GNSS L1/L2 ACTIVE LNA
25X25 25dB 100mm CABLE

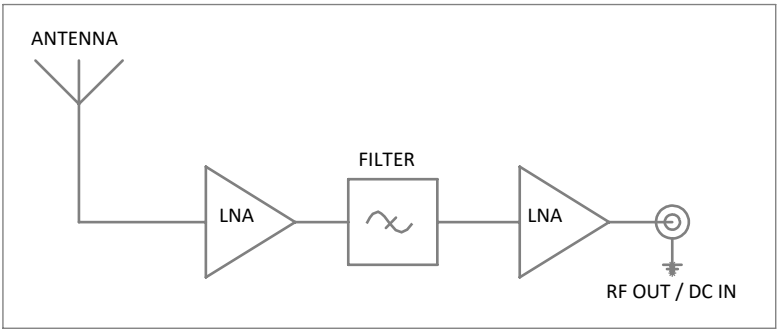
SIZE DWG. NO. REV
B C-ANT-GNCP-C25L12100 **A**

SCALE: 2:1 DO NOT SCALE DRAWING SHEET 1 OF 1

LDCDFB_B



SYSTEM SCHEMATIC



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MATERIAL: CERAMIC	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
WEIGHT:	.X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES: ±1° SURFACE:
FINISH:	DRAWN: JHAGER ENGR: DASARATHAN	DT: 9/1/21 DT: 10-JUL-08