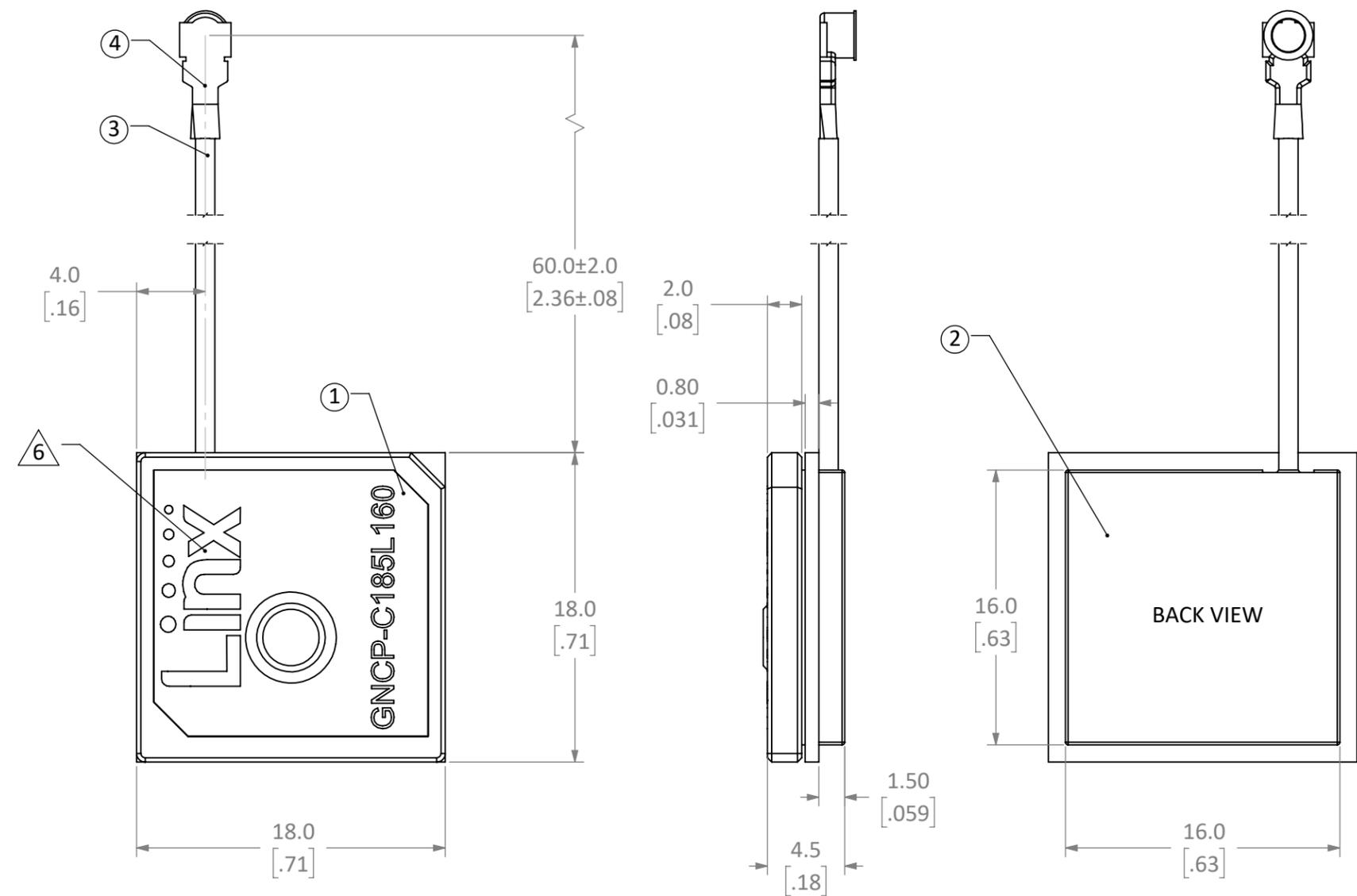


REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 9/10/21	



- 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:
    - FRQ: 1.57GHz - 1.61GHz
    - GAIN @ 90°: 8.5-11dB ±3dB [3VDC/10mA TYP]
    - IMPEDANCE: 50Ω
    - LNA NOISE: 1.5dB TYP (+25°C)
    - VSWR: 2.0 MAX
    - INPUT VOLTAGE: 1.8-5.5VDC [3VDC TYP.]
- △ 6. SILKSCREEN LABELING USING BLACK PERMINANT LETTERING APPROXIMATELY AS SHOWN. FONT AND SIZE CONTROLLED BY OEM DATA AGREEMENT AT LATEST REVISION.

BILL OF MATERIALS			
ITEM	DESCRIPTION	QTY.	Unit
1	ANTENNA GNSS 18X18 CP RHCP	1	EA
2	ACTIVE LNA BOARD AND AMPLIFIER	1	EA
3	CABLE 1.13mm COAX GREY	61	mm
4	CONNECTOR U.FL BRAS/GOLD	1	EA

**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: **ANT GNSS L1 18x18 LNA UFL 60MM**

MATERIAL: CERAMIC	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. .X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES: ±1° SURFACE: √	PROJECTION: 	SIZE <b>B</b>	DWG. NO. C-ANT-GNCP-C185L160	REV <b>A</b>
WEIGHT:	DRAWN: JHAGER	DT: 1/10/21	SCALE: 3:1	DO NOT SCALE DRAWING		SHEET 1 OF 1
FINISH:	ENGR: DASARATHAN	DT: 10-JUL-08	LDCDFB_B			