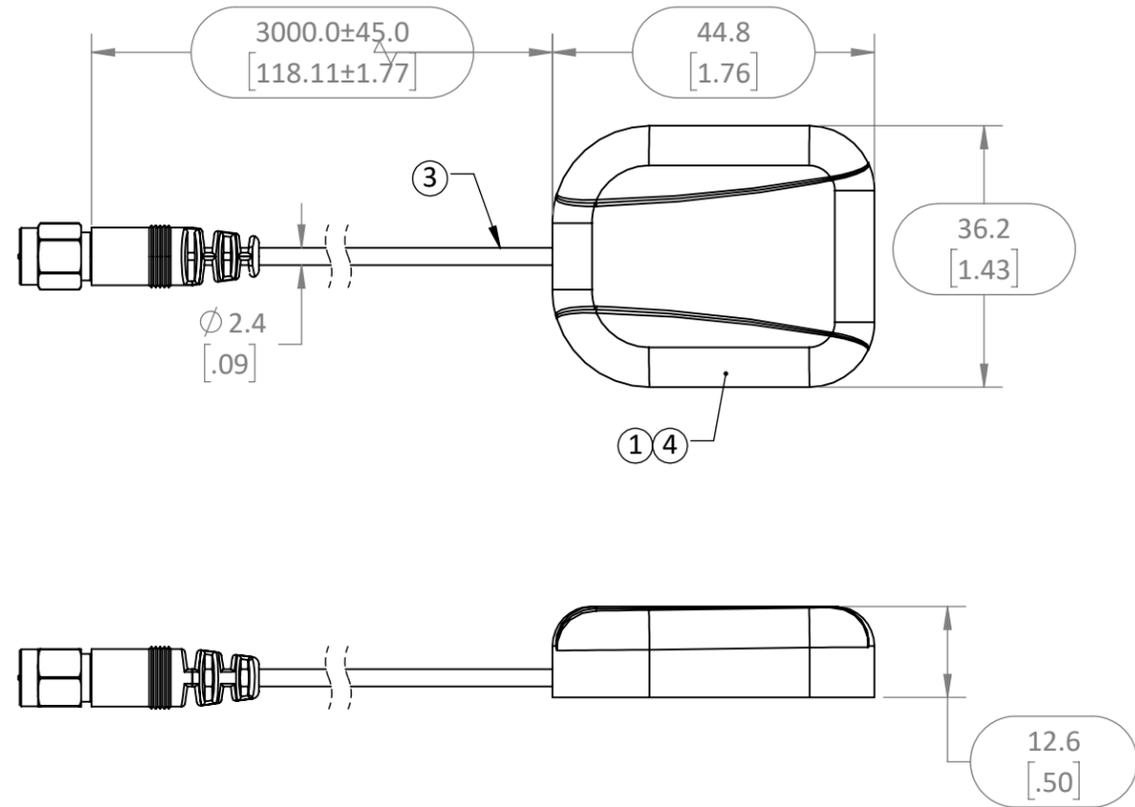
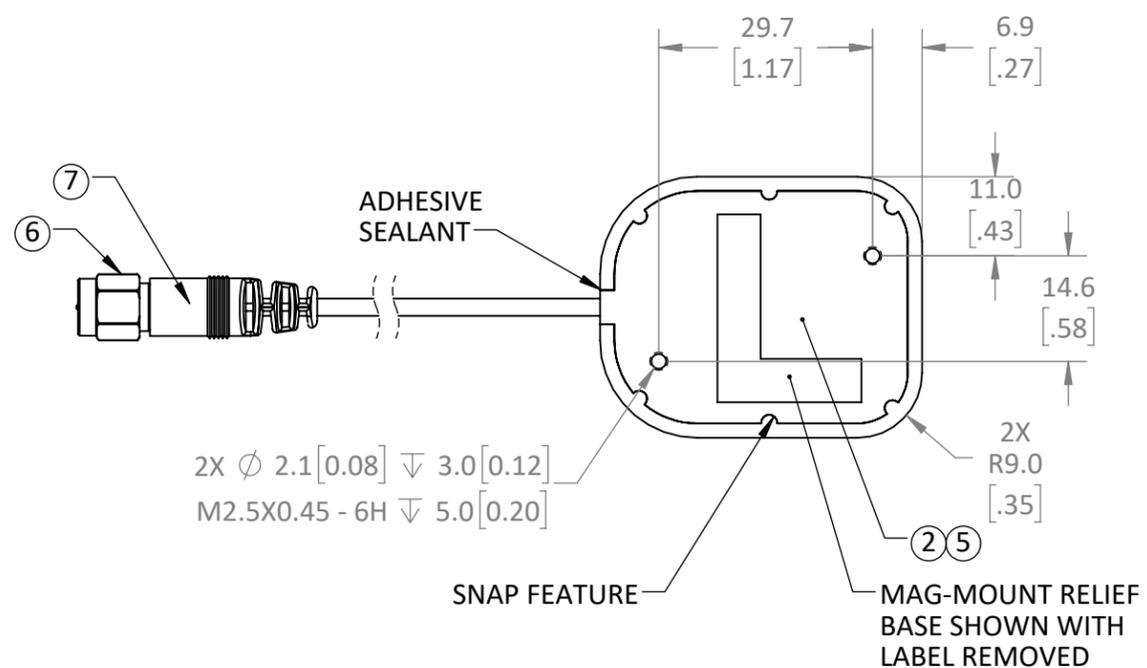


LINX PART NUMBER	CONNECTOR TYPE	LINX PN [REF ONLY]
ANT-GPS-SH2-SMA	SMA	CON SMA007
ANT-GPS-SH2-MCX	MCX	CON MCX007
ANT-GPS-SH2-MMX	MMCX	CON MMCX007

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE LINX DRAWING	BMURPHY 8/2/2017	CLL 8/3/17
B	UPDATED TO ADD NOTE 15, PACKAGEING INSTRUCTIONS	BMURPHY 8/15/2017	CLL 8/16/17
C	REDRAW OF PART AND ASSEMBLY. ADDED PERFORMANCE AND ENVIRONMENTAL EXPECTATIONS. ADDED COVER MATERIAL TYPE AND RATING. DRAWING WAS INCH PRIMARY MEASUREMENTS	JHAGER 6/9/2021	CL/DV 6/9/21



- 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.
 - MATERIALS: ALL MATERIALS TO BE SUITABLE FOR OUTDOOR USE IAW UL746C (f1) AND SEALED TO THE ENVIRONMENT IAW IP67.
 - FREQUENCY: [BAND1] 1575.42MHz ± 10MHz [BAND 2] 1602 MHz ± 5MHz
 - GAIN: 28±1dB (WITH SUPPLIED CABLE)
 - BAND WIDTH: 26.6MHz [S11< -10dB]
 - IMPEDANCE: 50Ω
 - POLARIZATION: RHC
 - POWER SUPPLY: 2.8~5.0V DC
 - POWER CONSUMPTION: 8mA max. @3V [7mA max. @ 5V]
 - OPERATING TEMPERATURE: -30°C+85°C
 - ASSEMBLY TO BE SEALED USING NEUTRAL CURE SILICONE ADHESIVE SEALANT.
 - STRIP COAX CABLE AND ASSEMBLE CONNECTOR [FN6] PER MANUFACTURERS SPECIFICATIONS FOR RG-174 CABLE.
 - SLIDE [FN7] OVER ASSEMBLY AND SHRINK USING HEAT GUN
 - NOT INTENDED TO BE PLACED UNDER ANY METAL STRUCTURES.
 - PRODUCT TO BE INDIVIDUALLY PACKAGED AND SHIPPED IN 5"X6" BUBBLE WRAP BAGS, UNSEALED.
 - LABEL PACKAGEING WITH THE FOLLOWING INFORMATION ONLY:
 - LOT NUMBER
 - LINX PART NUMBER
 - QUANTITY
 - COUNTRY OF ORIGIN



BILL OF MATERIALS		
ITEM	QTY.	Description
1	1	COVER, PLAS, BLACK, ASA UL(f1)
2	1	ANT, BASE, ALU, CAST, SCREW AND MAG-MOUNT
3	1	CABLE, COAX, DS, RG174, BLACK, UNTERMINATED
4	1	ANTENNA ELEMENT, DUAL BAND, GPS/GLONASS 50Ω,
5	1	LABEL, MYL, CUSTOM LINX [LBL-ANT-GPS-SH2]
6	1	CONNECTOR SHOWN FOR REFERENCE SEE TABLE
7	1	STRAIN RELIEF, CONN, BLACK, PERMINANTLY INSTALLED

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

MATERIAL: ASA PW978B 300-ALU CAST	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. .X ±2.0 .XX ±1.00 .XXX ±.500	PROJECTION: 	TITLE: ANTENNA DUAL BAND GPS/GLONASS OUTDOOR USE IP67 / UL746C(f1)
WEIGHT:	FINISH: ASA TEXTURED NATURAL	DRAWN: JHAGER ENGR: DASARATHAN	DT: 6/9/21 DT: 6/9/21
SIZE B	DWG. NO. C-ANT-GPS-SH2-CCC	REV C	SCALE: 1:1 DO NOT SCALE DRAWING SHEET 1 OF 1