Manufacturing Assembly Label Format Specification

Rev	Revision description	Revision date	ECO
B	Release to Production	6/26/2024	

PURPOSE

This document defines Onity's labeling requirements for the Small Form Factor Lock

SPECIFICATIONS

The serial number string is **maximum** 30 characters and shall contain the manufacturing location, SKU number, date of manufacture, and serial identifier.

	Manufacturer Code	SKU*	Manufacturing Date			Unique ID
			Year	Month	Day	
# of Characters	5	15 max	2	2	2	4
Data Range	TEXT	TEXT	00-99	00-12	00-31	0001-9999
Example Data	CNGBM	RH600101	16	05	04	0039

- **Manufacturer Code:** The device manufacturer is represented in 5 characters. Manufacturer codes are represented in the Mfg code table in the Appendix.

Table 1: Manufacturer Codes

Manufacturer	Location	Manufacturer Code
GBM	China	CNGBM
SHT	China	CNSHT
ChinaKOR	China	CNIKR
OHGA	China	CNOHA
Haibo	China	CNHBO
IKOR	Spain	ESIKR
Salem	Oregon, USA	USSLE
Hickory	SC, USA	USHKY
Navajoa	Mexico	MXCEN
WaferLock	Taiwan	TWWFL

- **SKU:** The SKU is the final customer-facing part number for this assembly. The associated production part# (if different than the SKU) shall be placed as human readable text only above the SKU text field.
- **Manufacturing Date:** Manufacturing date is represented with 6 characters, 2 each representing year, month, and day. Numbers are in calendar format.
- **Unique ID:** A sequential numeric string that is reset to 0001 each production day. Characters used are 0-9.

- o If more than one line produces the same SKU at the same location, then the primary line uses all digits (0-9). Secondary line will have one letter (starting with A) and 3 digits (A001). Any additional lines would use the next sequential starting letter and 3 digits (B001).
- **Serial Number:** Unique Number for MCS up to 8 characters
- **MAC Address:** Unique Number for Bluetooth Communication up to 12 characters
- **Revision:** (optional) A revision callout can be added as <u>text only</u> (not part of serial string). Locate the revision in the <u>upper right corner</u> of the label. See example.
- **Text:** All encoded and human readable text characters shall be upper case.
- **Barcode:** Encoded in Datamatrix (ECC-200) Format. Cell dot (module) size= 8. Text font = 6 pt

Label item #	Description	Required Quantity
1	10105659G1 - LBL, MCS, WR, SERENE	One per item

1. <u>Label 1; 10105659G1 - LBL, MCS, WR, SERENE</u>
   a. Label size: **10106824P1 –** LBL, BLANK, POLY, WHT, SELF ADHESIVE, WR, ROHS, SERENE
   b. Art Work Requirement
      i. Color: Black
      ii. Regulatory information given by engineering
      iii. 2D Datamatrix Upper Left embedded with:
         - Manufacturer Code (5 Characters)
         - SKU (up to 15 Characters)
         - Manufacturing Date (6 Characters)
         - Unique ID (4 Characters)
      iv. All Text: Arial Font
         - MFG   0.06in height
         - SKU (up to 15 Characters)   0.06in height
         - Manufacturing Date (6 Characters)   0.06in height
         - Revision (if needed, 2 Characters)   0.06in height
   c. Representation can be seen below at <u>Label Representation</u>
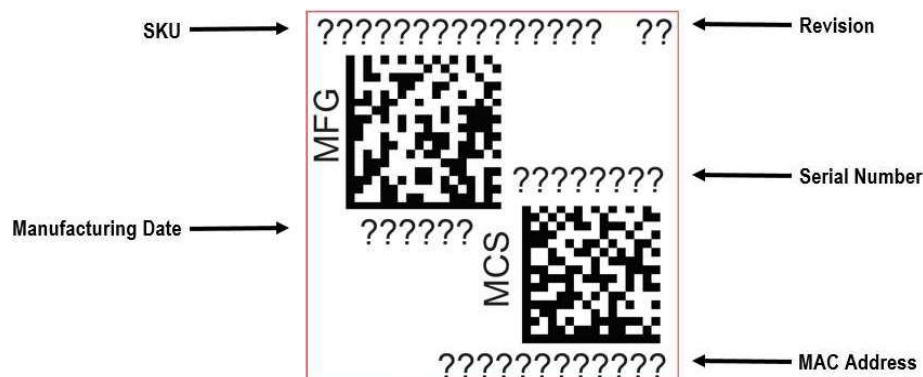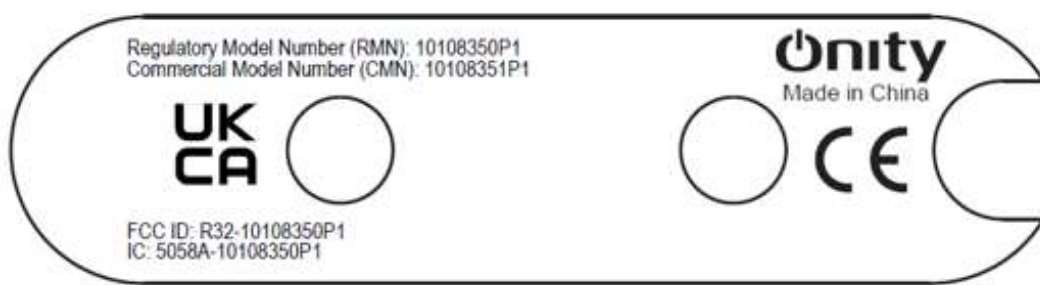   d. Label Location can be seen below at <u>Label Location</u>

Label Location:

Wall Reader Label
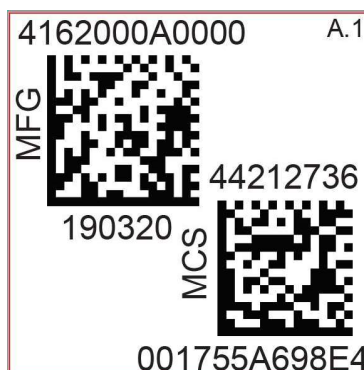
Label Representation:

Part Number Description	Adobe Illustrator File
10105659G1 **LBL, MCS, WR, SERENE**	 10105659G1.pdf

Example:

Note: When scanned information should be similar to below:

MFG: TWWFL41600000A000001903200001
MCS: 001755A698E444212736