# Unique Device Identification for China

Features and services offered by ZIIOT with the MA Code

- Advantages of the MA-Code for China
- Services of ZIIOT




*Presentation by Heinrich Oehlmann, EDCi, rev. 2026-07-01/10-28*

# Features and services offered by the MA Code

**Special Advantages of MA-Code**

- Accredited for UDI in CHINA by NMPA

NATIONAL MEDICAL PRODUCTS ADMINISTRATION
国家药品监督管理局

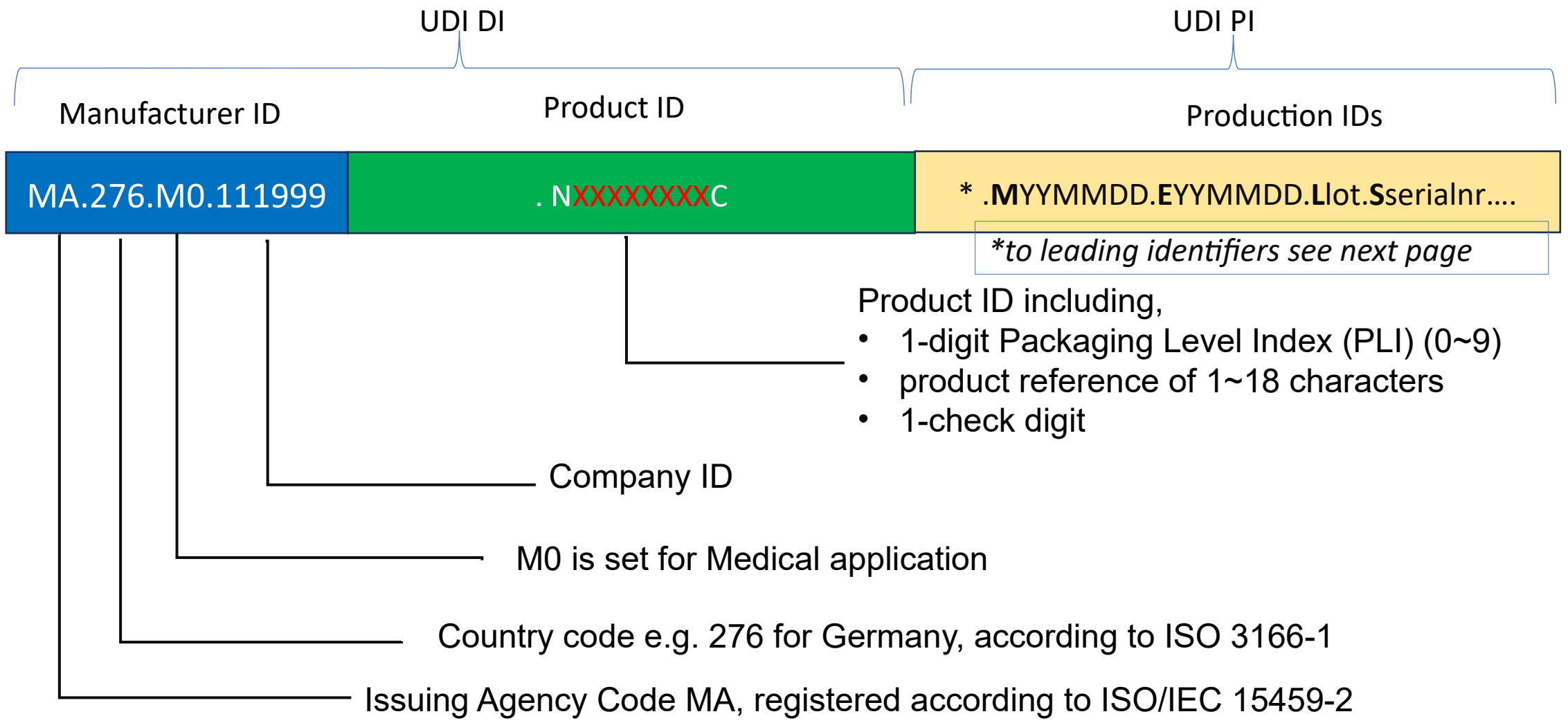
- Capacity for alphanumeric product numbers of variable length up to 18 ch.
- Product numbers compatible to HIBC for easy conversion from HIBC to MA
- Keyboard compatible character set

**Recommended data carrier for China**

- ISO/IEC 18004 QR-Code



# The format of an MA UDI Code




*For details see: MA UDI Coding Rules China*

# Production ID (UDI PI)  in the MA UDI

UDI Production ID (UDI-PI) consists of several nodes. Each node begins with a MA code specific data identifier followed by the specific data value.

| MA Data Identifier | Name | Data type | Data format | Note |
|---|---|---|---|---|
| .M | Production date | Date | YYMMDD | better to provide |
| .E | Expiration date | Date | YYMMDD | if relevant |
| .L | Production Lot/Batch | String | an..20 | if relevant |
| .S | Serial Number | string | an..20 | if relevant |

*Source of chart: ZIIOT 2026-03-26*

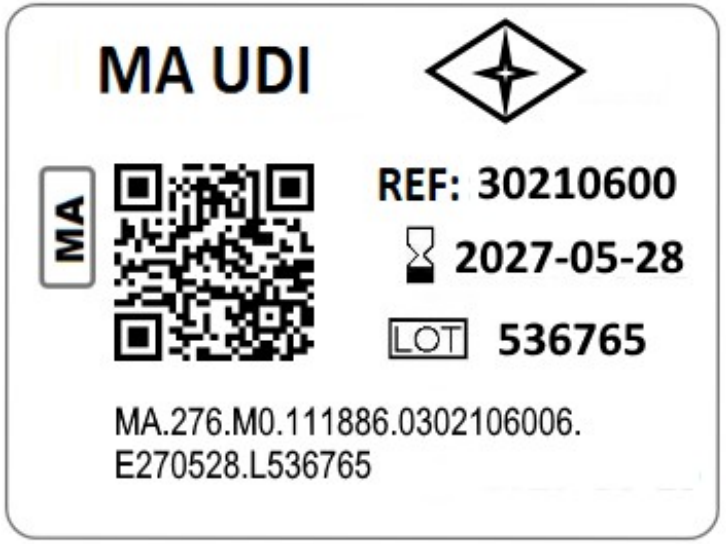
*For details see: MA UDI Coding Rules China*

# ZIIOT services

| Services | | |
|---|---|---|
| Issuing manufacturing ID (example: 123456) | on request | €200 first year, then €100 p.y. |
| Account for the MA-Code platform | option | per agreement |
| Capacity for storage of UDI masterdata | option | \|\| |
| Capacity for storage of UDI production data (PIs) | option | \|\| |
| UDI data transfer from platform to NMPA data base | option | \|\| |
| Remote generation of UDI-Codes through platform | option | \|\| |
| UDI consulting | included | \|\| |

***Note:*** *MA-Code platform today is in Chinese language ideal for data entry from an citizen in China (e.g. agent). English pages are in preparation for data entry even from outside China.*
*The government driven NMPA data base will remain in Chinese language.*

# MA UDI label example




| Data | Data format | Value |
|---|---|---|
| Product REF | text | 302-106-00 |
| Product ID | .n1an1…18n1 | 0**302106006** |
| Expiration date | YYMMDD | 270528 |
| Batch number | an1…18 | 536765 |
| Production date | YYMMDD | better to provide |

*Scan data and verification:*

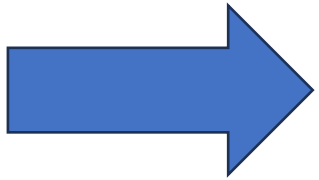
| | ID | Data | Comment |
|---|---|---|---|
| | | | Scan no. 1 |
| Symbology: | ]Q1 | QR | Symbology type QR passed by reader |
| Raw data: | | MA.276.M0.111886.0302106006.E270528.L536765 | |
| Structure type: | | ZIIOT | MA-Code/ZIIOT |
| Labeler: | | MA.276.M0.111886. | Labeller ID Issuing Agency: ZIIOT |
| Packing index: | | 0 | |
| Article: | | 30210600 | |
| Check: | | 6 | Check ok |
| Expiry date: | .E | 270528 | Interpreted data: 2027-05-28 |
| Lot: | .L | 536765 | |
| | | | Result of last scan |
| Resume: | | | MA UDI Code correct |

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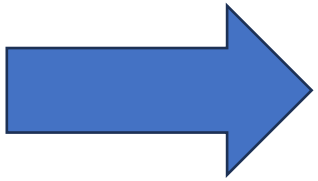
*←https://elmicron.de/elmi-scanlink-verify/*

Example

# Contacts








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