

# Micro UHF

This miniature UHF tag is used for harsh environmental conditions and designed for mounting on metal surfaces.

## Applications

Small item tagging, tool & PPE management solutions, aircraft and automotive part tagging.

## Key features

- Round tag, diameter 5 mm
- FR4 packaging
- Metal compatible

## FUNCTIONAL SPECIFICATIONS

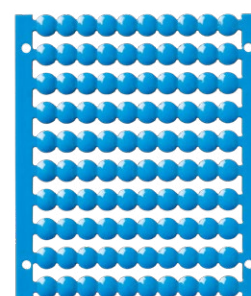
|                        |  |
|------------------------|--|
| EAN                    | 8720299511002                                  |
| Article                | UHFMICRO01                                     |
| Type                   | UHF  |
| Frequency              | 867 MHz or 915 MHz+/-13MHz (Contact reading)   |
| Air interface protocol | EPC Global Class1Gen2; ISO 18000-6C            |
| IC Type                | Ucode 8  |
| Memory                 | EPC: 128 bits, TID: 96bits, user memory: 0bits |
| Data Retention         | 20 years                                       |
| Functionalities        | Read/write                                     |
| Write cycles           | 100,000  |
| Read range             | 0  |

## PHYSICAL SPECIFICATIONS

|                  |  |
|------------------|--|
| Dimensions       | Diameter 5 mm, thickness COB (include resin) 1.0 mm+/-0.02mm;<br>FR4 material: 0.45 mm+/-0.02 mm |
| Material         | FR4 + black resin protection   |
| Metal compatible | Yes  |
| Fixing method    | Glue   |
| Packing          | Packed by sheet, 100pcs / sheet<br>(10 rows * 10 pcs / row)                                      |

## ENVIRONMENTAL & INDUSTRY COMPLIANCE

|             |                |
|-------------|----------------|
| Temperature | -15°C to +75°C |
|-------------|----------------|



v1.0  
non-contractual document