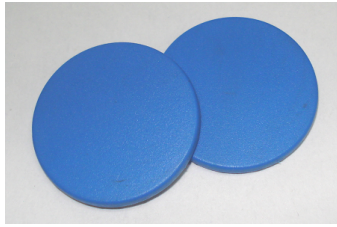


## Data Sheet



## 30 mm Token Tags

### FEATURES

- The 30mm Tag with multi read/write capability is small in size & made of PC/ABS to meet all endurance requirements in terms of heat, harsh environments and chemical resistance
- Perform in the harshest environments, including harsh chemicals, painting processes & outdoor exposure.
- Dust & Waterproof.
- Flexible Read/Write Range (reader dependant).
- Insensitive to almost all non metallic materials.

### APPLICATIONS

- It has been widely used in access control, supply chain, manufacturing, service industries, distribution logistics and manufacturing companies to identify goods & objects in an industrial environment.
- Can be used to read through obstructions, including water, plastics, concrete and more.
- Suitable for factory floor manufacturing applications because of rugged construction (IP Rating).

|                            |   |                                    |
|----------------------------|---|------------------------------------|
| <b>Chip Type:</b>          | <b>I-Code SLIX 13.56 MHz, ISO/IEC 15693</b>       |                                    |
|                            | 1024 bits, organized in 32 blocks of 4 bytes each |                                    |
|                            | Data retention of 50 years                        |                                    |
|                            | Write endurance 100,000 cycles                    |                                    |
| <b>Mechanical:</b>         | Outer Dia.  | 30mm                               |
|                            | Thickness   | 3mm                                |
|                            | Material  | PC/ABS                             |
|                            | Colour  | Blue                               |
|                            | Weight  | 2.6 g                              |
|                            | Antenna Type                                      | Wire Antenna                       |
| <b>Electrical:</b>         | Operating Frequency                               | 13.56 MHz                          |
|                            | Operating mode                                    | Passive (battery-less transponder) |
| <b>Ingress Protection:</b> | IP68  |                                    |
| <b>Thermal:</b>            | Storage Temp.                                     | -40°C to +85°C                     |
|                            | Operating Temp.                                   | -25°C to +85°C                     |
| <b>Part Number:</b>        | 207A1   |                                    |
| <b>Options:</b>            | Other IC type, Size, Shape & Colour on request    |                                    |
|                            | Available with other plastic material.            |                                    |

\*Preliminary Data Sheet: Certain specification subject to change.