



## Industry Tag 34mm (Metal)

### FEATURES

- The 34mm Tag with multi read/write capability is very small in size and perform best when is attached to metal.
- It is made of PA6 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).

### APPLICATIONS

- Specially tuned for metal application thus can be used in variety of applications having metallic environment.
- Being used in industrial environments, as well as in asset tracking applications
- It has been widely used in supply chain, service industries, distribution logistics and manufacturing companies to identify goods and objects in an industrial environment.
- 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.   | 34mm                               |
|                            | Hole Dia.  | 5.6mm                              |
|                            | Thickness  | 8mm                                |
|                            | Material   | Polyamide                          |
|                            | Color  | black                              |
|                            | Weight   | 8.5 g                              |
| <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>        | EPR P246A1   |                                    |
| <b>Options:</b>            | Available with other IC (MIFARE - NTAG NFC) and other material e.g. PC/ABS |                                    |