

## FEATURES

- 13.56 MHz
- Read/Write Tags
- ISO 15693
- Small size form factor



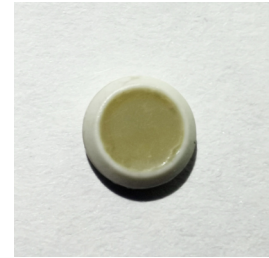
## APPLICATIONS

### Industrial Laundry

Asset Management

High Temperature Environment

Harsh Chemical Environment



### FUNCTIONAL SPECIFICATIONS:

|                         |                            |
|-------------------------|----------------------------|
| Operating Frequency     | 13.56 MHz (+0.5/-0.2 MHz)  |
| ISO Standard Compliance | ISO 15693                  |
| Memory Type             | I CODE SLIX-L 256 bits R/W |

### PHYSICAL SPECIFICATIONS:

|                                |                              |
|--------------------------------|------------------------------|
| Diameter (mm) x Thickness (mm) | 7.3 ± 0.1 x 2.00 ± 0.20      |
| Material                       | PPS Injection molding /Epoxy |
| Color                          | Ivory White/Grey             |

### ENVIRONMENTAL SPECIFICATIONS:

|                            |   |
|----------------------------|---|
| Operating Temperature (°C) | +10 to +70                                |
| Storage Temperature (°C)   | -40 to +85                                |
| Heat Resistance (°C)       | 150 °C for 15 minutes                     |
| Mechanical Vibrations      | 10g, 20-1000 Hz, 3 axis, 2.5 Hrs          |
| Water Immersion            | IP68                                      |
| Mechanical Shock           | 40g, half-shine, 18ms, 6 axis, 2000 times |
| Industrial Wash Cycles     | Up to 200 Wash cycles                     |
| Washing Extractor Load     | Up to 500 KG                              |

1) Read Distance depends on the User's reader antenna

2) Tags with other ICs from NXP, EM, Infineon, Atmel, ST Micro, TI or other semiconductor manufacturers are also available as per customer requirements

\*\* Other sizes, materials or colors can be made available on request