



## APPLICATIONS

- M-Crown can be effectively used in asset tracking, Ware house management, Containers and Railway Coaches identification.
- Factory automation, Automotive & Security purpose.

| Chip Type:                           |                                                    |
|--------------------------------------|----------------------------------------------------|
| Alien Higgs 3 EPC Class 1 Gen 2      |                                                    |
| EPC 96 bit extendable up to 480 bits |                                                    |
| User Memory 512 bit                  |                                                    |
| Data retention of 50 years           |                                                    |
| Write endurance 100.000 cycles       |                                                    |
| Mechanical:                          |                                                    |
| Dimension                            | 150 x 25 x 12 mm                                   |
| Material                             | ABS                                                |
| Color                                | Blue                                               |
| Weight                               | 25.8 g                                             |
| Electrical:                          |                                                    |
| Operating Frequency                  | 865-868MHz, (902-928MHz also available on request) |
| Operating mode                       | Passive (battery-less transponder)                 |
| Ingress Protection:                  |                                                    |
| IP67                                 |                                                    |
| Thermal:                             |                                                    |
| Storage Temp.                        | -40°C to +85°C                                     |
| Operating Temp.                      | -40°C to +85°C                                     |
| Options:                             |                                                    |
| Available with                       | Other IC type on request                           |
|                                      | Other plastic material and colours e.g. PC/ABS     |
|                                      | Adhesive backing for easy mounting                 |

## Key Features

- M-Crown tag operates effectively with read range of over 15m when attached to metal.
- Rugged construction for high durability.
- Can be attached by screws with the help of two Holes.
- Can also be provided with Adhesive tape for easy attachment.