

## FEATURES

- 125 KHz / 134.2 KHz / 13.56 MHz Tags
- Read/Write or Read Only Versions
- ISO 14443 / ISO 15693 standards compliant (13.56 MHz tags)
- ISO 11784 standards compliant (134.2 KHz tags)

## APPLICATIONS

- Asset Management
- Waste Management



### FUNCTIONAL SPECIFICATIONS:

<b>Operating Frequency Modulation</b>	13.56 MHz (+0.5/-0.2 MHz)	125 KHz, 134.2±3 KHz FDX/HDX
<b>ISO Standard Compliance</b>	ISO 11784 / ISO 14443/15693	
<b>Memory Type</b>	Icode Sli-1024 bits R/W	EM4102 64 bits, R/O EM4105 128 bits, R/O EM4305 512 bits, R/W

### PHYSICAL SPECIFICATIONS:

<b>Diameter</b>	M30 x 1.5	M30 x 1.5
<b>Thickness</b>	15±0.2 mm	15±0.2 mm
<b>Holes</b>	5.6 mm	5.6 mm
<b>Weight</b>	11 grams	11 grams
<b>Material</b>	PA6 GF	PA6 GF
<b>Color</b>	Yellow	Green/Black/Yellow/Blue

### ENVIRONMENTAL SPECIFICATIONS:

<b>Operating Temperature (°C)</b>	-25 to +70 °C	-25 to +70 °C
<b>Storage Temperature (°C)</b>	-40 to +85 °C	-40 to +85° C
<b>Mechanical Vibrations</b>	10g, 20-1000 Hz, 3 axis, 10 cycles/axis	10g, 20-1000 Hz, 3 axis, 10 cycles/axis
<b>Thermal Shock</b>	85 °C, -23 °C 10 mins changeover 15 sec	85 °C, -23 °C 10 mins changeover 15 sec
<b>Chemical</b>	IP68 Salts water test @ 700 hrs Accumulator acid @ 700 hrs Ethanol @ 24 hrs Benzene @ 24 hrs Petroleum @ 24 hrs Diesel @ 24 hrs	IP68 Salts water test @ 700 hrs Accumulator acid @ 700 hrs Ethanol @ 24 hrs Benzene @ 24 hrs Petroleum @ 24 hrs Diesel @ 24 hrs

- Tags with other ICs from NXP, EM, Invenion, Atmel, ST Micro, TI, Legic or other semiconductor manufacturers are also available as per customer requirements
- Other sizes, materials or colors can be made available on request
- Ask for our special HIGH Temperature Tags that work at 150/180/200 deg C continuous operation