

WASTE BIN TAG

FEATURES:

125 KHz, 134.2 KHz OR 13.56KHz Tags
Read/Write or Read Only Versions
ISO14443/15693 standards compliant (13.56MHz tags)
ISO11784 standard compliant (134.2 KHz tags)

 **RoHS Compliant**



APPLICATIONS:

Asset Management
Waste Management

FUNCTIONAL SPECIFICATIONS:

Operating Frequency	13.56MHz (+0.5/-0.2MHz)	125KHz, 134.2±3 KHz
ISO Standard Compliance	ISO 11784, ISO 14443/15693	EM4102-64 bits, R/O, EM4105-128 bits, R/O, EM4305-512 bits, R/W,
Memory Type	1 code Sli- 1024 bits R/W	

PHYSICAL SPECIFICATIONS:

Diameter	M30 X 1.5	M30 X 1.5
Thickness	15±0.2mm	15±0.2mm
Holes	5.6mm	5.6mm
Weight	11 grams	11 grams
Material	PA6 GF	PA6 GF
Color	Yellow	Green, Black, Yellow, Blue

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (Deg C)	-25° C to +70° C	-25° C to +70° C
Storage Temperature (Deg C)	-40° C to +85° C	-40° C to +85° C
Mechanical Vibrations	10g, 20-1000Hz, 3 axis, 10 cycles/axis	10g, 20-1000Hz, 3 axis, 10 cycles/axis
Thermal Shock	85°C, -23° 10 Mins Changeover 15 Sec	85°C, -23° 10Mins Changeover 15 Sec
Chemical	IP68 Salts water Test 700Hrs Accumulator acid @ 700Hrs Ethanol @ 24Hrs Benzene @ 24Hrs Petroleum @ 24Hrs Diesel @ 24 Hrs	IP68 Salts water Test 700Hrs Accumulator acid @ 700Hrs Ethanol @ 24Hrs Benzene @ 24Hrs Petroleum @ 24Hrs Diesel @ 24Hrs

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

2) 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**

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