



SYRMA TECHNOLOGY

RFID PRODUCTS

Data Sheet

Last Rev: Nov 2007

EPOXY TAGS

FEATURES:

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



RoHS Compliant

APPLICATIONS:

Waste Management
 Asset Management



FUNCTIONAL SPECIFICATIONS:

Operating Frequency	13.56MHz (+0.5/-0.2MHz)	125KHz +/-6KHz or 134.2 +/-3KHz
ISO Standard Compliance	ISO 14443 (Mifare) / ISO 15693 (Icode)	Non-ISO (R/O) / ISO 11784 (R/W)
Memory Type	Icode SLI - 1024 bits, R/W Mifare 1K - 1024 bits, R/W Mifare 4K - 4096 bits, R/W	Hitag S32 - 32 bits, R/O EM4102 - 64 bits, R/O Hitag S256 - 256 bits, R/W Atmel T5557 - 330 bits, R/W EM4X50 - 1024 bits, R/W Hitag S2048 - 2048 bits, R/W

PHYSICAL SPECIFICATIONS:

Standard sizes – Dia x Height (in mm) **	4.8 x 12	4.8 x 12
Material **	Epoxy	Epoxy
Color **	Black/Blue/Yellow /Green	Black/Blue/Yellow/Green

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (Deg C)	-25 to +70	-25 to +70
Storage Temperature (Deg C)	-40 to +85	-40 to +85
Mechanical Vibrations	10g, 20-1000Hz, 3 axis, 10 cycles/axis	10g, 20-1000Hz, 3 axis, 10 cycles/axis
Mechanical Shock	15g, half-sine, 18ms, 3 axis, 6 times/axis	15g, half-sine, 18ms, 3 axis, 6 times/axis
Hermetic Sealing	IP67	IP67

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

2) Tags with other ICs from NXP, EM, Infineon, 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

Syrma Technology reserves the right to change the product information, specification, features or data without any prior notice at any time. Syрма Technology does not take any responsibility for customer product/system design or performance when used with specifications not mentioned above.

Syrma Technology Pvt. Ltd.

Plot B27, Phase 2, Zone B, MEPZ Special Economic Zone, Tambaram, Chennai-600045, INDIA

Tel: +91 44 22628600 Fax: +91 44 22628612 Email: info@syrmatech.com URL: www.syrmatech.com