

FEATURES

- ISO 11784/11785 standards compliant
- Read only or read/write versions
- 134.2 KHz / 125 KHz (FDX/HDX) or 13.56 MHz tags

APPLICATIONS

- Animal and pet ID
- Asset management
- PCBA container tracking
- Proximity access control
- Waste management
- Vehicle identification



FUNCTIONAL SPECIFICATIONS:

Operating Frequency	EM4105-128 bits, R/O	125 KHz +/-6 KHz
ISO Standard Compliance	Hitag S256-256 bits, R/W	ISO 11784/85
Memory Type	EM456-512 bits, R/W EM4305-512 bits R/W Hitag S2048-2048 bits/R/W	EM4105-128 bits, R/O Hitag S256-256 bits, R/W EM4569-512 bits, R/W EM4305-512 bits, R/W Hitag S2048-2048 bits, R/W SIC7999

PHYSICAL SPECIFICATIONS:

Standard Sizes-Dia x Height (mm)	10x1.5/12x3/22x3.2/25x5/50x5	12x3/22x3.2/25x5/50x5
Material	Epoxy	Epoxy
Color	Black/Blue/Yellow	Black/Blue/Yellow
Dimensions	32x3.85; 23x3.85; 12x2.15 +/-1 (length) and +/-0.1 (dia) bio-grade glass	

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (°C)	-25 to +70 °C	-25 to +70 °C
Storage Temperature (°C)	-40 to +85 °C	-40 to +85 °C
Mechanical Vibrations	10g, 10-2000 Hz, 3 axis, 2.5 hours	10g, 10-2000 Hz, 3 axis, 2.5 hours
Thermal Shock	40g, half-sine, 18 ms, 6 axis, 2000 times	40g, half-sine, 18 ms, 6 axis, 2000 times
Hermetic Sealing	IP68	IP68

- 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