

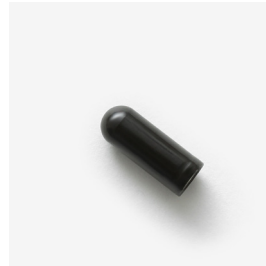
FEATURES

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



APPLICATIONS

- Anti-counterfeiting
- Toys & Games
- Asset Management



4.8x12 mm Epoxy Tag



7x14 mm Epoxy Tag

FUNCTIONAL SPECIFICATIONS:

Operating Frequency	13.56 MHz (+0.5/-0.2 MHz)	125 KHz +/-6 KHz or 134.2 +/-3 KHz
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/Wt

PHYSICAL SPECIFICATIONS:

Standard sizes – Dia x Height (in mm)	4.8 x 12	7 x 14	4.8 x 12	7 x 14
Material	Epoxy		Epoxy	
Color	Black/Blue/Yellow /Green		Black/Blue/Yellow /Green	

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (°C)	-25 to +70	-5 to +50	-25 to +70	-5 to +50
Storage Temperature (°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	

- 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