

## FEATURES

- 13.56 MHz
- Read/Write Tags
- ISO 15693 standards compliant
- Available in 2 different sizes (5mm and 7mm)
- Auto-clave Sterilizable
- Bio-Compatible/FDA Compliant



## APPLICATIONS

- Medical Assets Tracking
- High Temperature Applications
- Miniature Tag Applications

FUNCTIONAL SPECIFICATIONS	
Operating Frequency	13.56 MHz (+0.5/-0.2 MHz)
ISO Standard Compliance	ISO 15693 Icode SLI / SLIX - 1024 bits, R/W Icode SLI-L / SLIX-L - 256 bits, R/W
Memory Type	Tag It - 256 bits, R/W (for 7 mm Tag only)
PHYSICAL SPECIFICATIONS	
Standard sizes – Dia x Height (in mm)	7.5 max x 1.75 max / 5 max x 1.75 max
Material	Epoxy
Color	Grey / Black
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature (°C)	-10 to +60 Continuous / +150 for 2 Hrs (extended on request)
Storage Temperature (°C)	-30 to +85
Auto-clave Cycles	100+
Mechanical Vibrations	10g, 20-1000 Hz, 3 axis, 10 cycles/axis
Mechanical Shock	15g, half-sine, 18ms, 3 axis, 6 times/axis
Hermetic Sealing	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 150/180/200/300 °C continuous operation