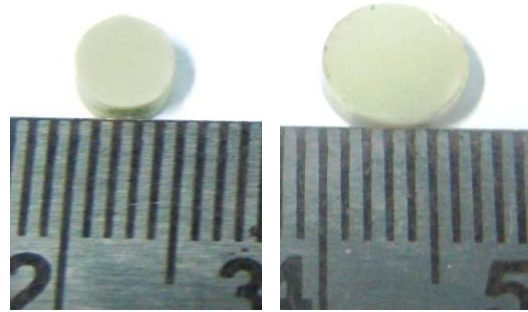


Miniature Auto-Clave Tags

 **RoHS Compliant**

FEATURES:

- 13.56MHz
- Read/Write Tags
- ISO15693 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	13.56MHz (+0.5/-0.2MHz)
ISO Standard Compliance	ISO 15693
Memory Type	Icode SLI / SLIX - 1024 bits, R/W
	Icode SLI-L / SLIX-L- 256 bits, R/W
	Tag It - 256 bits, R/W

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 **	Gray / Black

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (Deg C)	-10 to +60
Storage Temperature (Deg C)	-30 to +85
Auto-clave Cycles	100+
Mechanical Vibrations	10g, 20-1000Hz, 3 axis, 10 cycles/axis
Mechanical Shock	15g, half-sine, 18ms, 3 axis, 6 times/axis
Hermetic Sealing	IP68

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

2) Tags with other ICs from NXP, EM, Infineon, Atmel, ST Micro, TI 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.

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