

CONFIDENTIAL and SYRMA PROPRIETARY

UHF Single Loop Inlay

FEATURES:

- 860-940MHz UHF Tags
- US / Europe Frequency Bands
- Read & Write Capability
- ISO18000-6 Type-C standards compliant
- EPC Global Class 1 Gen 2 compliant

 **RoHS Compliant**

APPLICATIONS:

- Medical devices
- Asset management
- Miniature Tag Application



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FUNCTIONAL SPECIFICATIONS:

IC Type	NXP Ucode 9
Operating Frequency	UHF Freq band – 860MHz- 940 MHz
ISO Standard Compliance	ISO 18000-6 Type C EPC Global Class 1 GEN2
Data Transfer Method	Inductive coupling

PHYSICAL SPECIFICATIONS:

Diameter (in mm) *	8.0 +/- 0.5
Height (in mm) *	0.30@Coil / 1.50@IC
Material	Copper Wire Inlay

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (Deg C)	-10 to +50
Storage Temperature (Deg C)	-20 to +70
Mechanical Vibrations	10g, 20-1000Hz, 3 axis, 10 cycles/axis
Mechanical Shock	15g, half-sine, 18ms, 3 axis, 6 times/axis

* Tags in other dimensions, colors may be made available on request

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