

CONFIDENTIAL and SYRMA PROPRIETARY

UHF Epoxy Button Tags

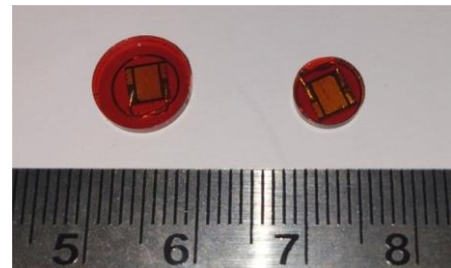
 **RoHS Compliant**

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

APPLICATIONS:

- Medical Uniforms Laundry
- Asset management
- Miniature Tag Applications



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) *	9 +/-0.5 / 7 +/- 0.5
Height (in mm) *	2.0 Max
Material	Epoxy
Color *	Black/Amber/ Off-white

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (Deg C)	-10 to +60
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
Hermetic Sealing	IP68

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

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