

## FEATURES

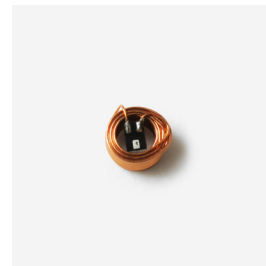
- 13.56 MHz
- Read / Write Tags
- NFC Forum Type 1/2/3/4 compliant

## APPLICATIONS

- Product Authentication
- Mobile Payments/Wallets
- Public Transport
- Gaming
- Loyalty Programs



12/10/8 mm Dia Coils



5/3/2 mm  
Miniature Coils



30/20/15/12/10/7/5 mm  
Epoxy Tag

### FUNCTIONAL SPECIFICATIONS:

<b>Operating Frequency</b>	13.56 MHz (+0.5/-0.2 MHz)
<b>ISO Standard Compliance</b>	ISO 18000-3
<b>Memory Type</b>	R/W; 48 bytes to 4 Kbytes Ntag 203/213/216 Mifare, Ultralight, Desfire Icode Tag-it

### PHYSICAL SPECIFICATIONS:

<b>Standard sizes – Dia x Height (in mm)</b>	Different sizes available
<b>Material</b>	Epoxy / Label / Coil
<b>Color</b>	Black / Blue / Green
<b>Tag Attachment (optional)</b>	VHB Double Side Foam Tape on the back side

### ENVIRONMENTAL SPECIFICATIONS:

<b>Operating Temperature (°C)</b>	-5 to +55
<b>Storage Temperature (°C)</b>	-10 to +70
<b>Mechanical Vibrations</b>	10g, 20-1000Hz, 3 axis, 10 cycles/axis
<b>Mechanical Shock</b>	15g, half-sine, 18ms, 3 axis, 6 times/axis
<b>Hermetic Sealing</b>	IP67/IP68 for Epoxy Tags

- 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