

FEATURES

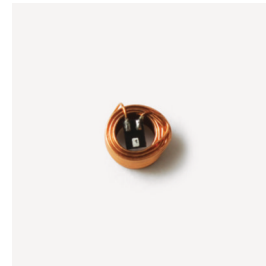
- 13.56 MHz
- Read / Write Tags
- NFC Forum Type 1/2/3/4 compliant

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:

Operating Frequency	13.56 MHz (+0.5/-0.2 MHz)
ISO Standard Compliance	ISO 18000-3
Memory Type	R/W; 48 bytes to 4 Kbytes Ntag 203/213/216/424 Mifare, Ultralight, Desfire Icode Tag-it

PHYSICAL SPECIFICATIONS:

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

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (°C)	-5 to +55
Storage Temperature (°C)	-10 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	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