



ID-TOM®-A794-NTAG213

HF/NFC Inlay and Label

IC Speciality

Identiv's ID-TOM® A794-NTAG213 serves as an all-encompassing on-metal tagging solution, ideal for industries dealing with metal assets like machinery and tools. It's straightforward in design, enabling easy integration onto metal surfaces, and provides a practical range of uses from advertising to product verification. Advanced in functionality, the tag includes a pre-programmed capability container, a programmable read-only lock function, and a 32-bit password protection to secure memory operations.

It also supports various applications such as smart labeling, Bluetooth pairing, and Wi-Fi synchronization, making it a versatile choice for enhancing industrial processes.

Key Features

- Automatic generation of NDEF messages through **UID ASCII mirroring capabilities**
- Seamless incorporation of NFC counter values into NDEF messages via **NFC counter ASCII mirror function**
- Simultaneous multi-tag operation enabled by **anti-collision features**
- Enhanced security with 32-bit **password protection** to prevent unauthorized memory access
- Available as **wet inlay** or **label**

Frequency

- NFC 13.56 MHz

Tag Dimensions

- Ø 28 mm

Chip

- NXP NTAG213

International Standards

- NFC Forum Type 2 Tag
- ISO/IEC 14443 Type A

Industries

- Electronics and gaming
- Industrial
- Medical and pharma

Applications

- Authentication
- Asset and document tracking
- On-metal NFC applications

Specifications

Format	Wet Inlay	Label
Product Part Number	4001000	4001001
Manufacturing Part Number	I00FADMY9E25	L15FADMY9E25
IC	NXP NTAG213	NXP NTAG213
User Memory	144 bytes	144 bytes
Antenna Dimension	Ø 25 mm	Ø 25 mm
Tag Dimensions	Ø 28 mm	Ø 28 mm
ISO/IEC Norm	ISO/IEC 14443A	ISO/IEC 14443A
Frequency	13.56 MHz	13.56 MHz
Face Material	N/A	White PET
Thickness	640 µm	660 µm
Pitch	35 mm	35 mm
Web Width	33 mm	33 mm
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH
Storage Information	1 year under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH	1 year under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH

Contact Information: sales@identiv.com

Care and handling: To minimize static charge and environmental impact, it's crucial to adhere to standard industry practices related to electronics and RFID when handling RFID inlays, as they are sensitive to ESD.

Application: To ensure that this product meets specific requirements, customers/users must thoroughly test it under end-use conditions. Identiv does not claim that the product is suitable for any particular purpose or use. Additionally, Identiv retains the right to modify, supplement, change, or discontinue product offerings at any time without prior notice. While the information presented here is believed to be reliable, Identiv does not guarantee the accuracy or correctness of the data.

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