



ID-Tiny-TOM-A507-ST25TV

HF Inlays

Product Capabilities

Our ID-Tiny-TOM-A507-ST25TV with the STMicroelectronics (STMicro) ST25TV high-capacitance IC family is a game-changer for medical applications, pharmaceuticals, and consumer products with limited spaces in metal surroundings. Featuring a capacitance of 99.7pF, ST25TV-IC boasts the best performance on a small surface and is the perfect solution for space-limited environments.

The ID-Tiny-TOM-A507-ST25TV integrates into medical equipment and provides secure authentication of medication or luxury goods. The user memory of the tag is protected by a 64-bit password or two 32-bit passwords in flexible dual area mode.

Key Features

- Get the best performance from **capacitance of 99.7pF**
- Read tiny tags with the **most common smartphones**
- Configure user memory **in one or two areas**
- **Protect access** with one 64-bit password in single area-mode or two 32-bit passwords in flexible dual-area mode
- Available as **wet inlay** or **label**

Frequency

- HF 13.56 MHz

Antenna Dimensions

- Ø 9 mm

Chip

- STM ST25TV02KC-AFG9

International Standards

- NFC Forum Type 5 Tag
- ISO/IEC 15693

Industries

- On-Metal NFC application
- Pharma and Healthcare
- Retail and Consumer goods

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Specifications

Format	Wet Inlay	Label
Product Part Number	9001192	9001193
Manufacturing Part Number	I00FADT99A09	L15FADT99A09
IC	STM ST25TV02KC-AFG9	STM ST25TV02KC-AFG9
User Memory	2560 bits	2560 bits
Antenna Dimension	Ø 9 mm	Ø 9 mm
Tag Dimensions	Ø 11 mm	Ø 11mm
ISO/IEC Norm	ISO/IEC 15693	ISO/IEC 15693
Frequency	13.56 MHz	13.56 MHz
Face Material	—	—
Thickness	~ 525 µm	~ 595 µm
Pitch	25.4 mm	25.4 mm
Web Width	35 mm	35 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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