

AD Circus™ ST25TV

Overview

Frequency Band

HF 13.56 MHz

Chip

STM ST25TV02K

Antenna Dimensions

Ø 18 mm / 0.71 in

International Standard

ISO 15693

Industry Segments

Industrial Applications

Applications

Product Authentication
Pharmaceutical and Healthcare
NFC

RoHS

EU Directive 2011/65/EU and
2015/863 Compliant

REACH

Regulation (EC) No 1907/2006



Smallest round HF inlay with best-in-class performance

Our AD Circus™ ST25TV inlays and tags featuring STMicroelectronics ST25TV ICs provide superior readability and best-in-class performance for item-level product authentication, pharmaceutical and brand protection applications. As the smallest available round HF inlay, Circus™ inlays and tags are ideal wherever small size and top performance are essential.

AD Circus™ ST25TV are tiny and cost-effective inlay with best-in-class performance. AD Circus™ ST25TV equipped with ST25TV02K provides 2048 bits of user memory.

ST25TV ICs feature TruST25™ Digital Signature to enhance the security level. The digital signatures makes it possible to reliably catch counterfeit tags or clones, increasing trust all along the supply chain.

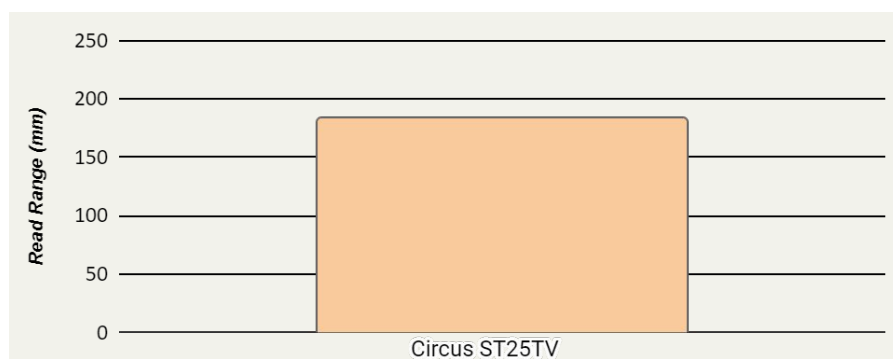
Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management. This ensures a reliable and state-of-the-art product that meets a variety of application needs, where high performance is a critical parameter.



Technical features

Chip	STM ST25TV02K
Chip Attachment Technology	Direct Chip Attach
EPC and User Memory	2048-bit
Product Code	3008711 / IL-604536
Delivery Format	Wet inlay +
Die-Cut Dimension	Ø 21 mm / 0.827 in
Inlay Substrate	PET
Face Sheet	Clear PET
Total Thickness	141 µm
Standard Pitch	27 mm / 1.063 in
Web Width	26 mm / 1.02 in
Core Size	76 mm / 3 in
Quantity / Reel	5000 pcs/reel 10000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F

Read range



All graphs are indicative: performance in real life applications may vary.

Contact information

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Connect with us on:



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Warranty: Please refer to Avery Dennison standard terms and conditions: rfid.averydennison.com/termsandconditions

Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

Applications: This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

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