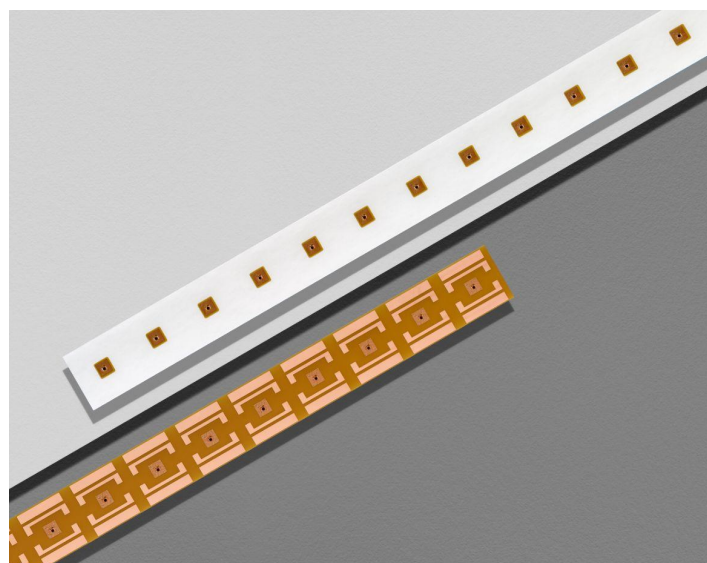


AD Nanoblock ICODE SLIX HC



Overview

Frequency Band	HF 13.56 MHz
Chip / Chip Attachment Technology	NXP ICODE SLIX HC / Direct chip attach (DCA)
Antenna Dimensions	4.5 x 4.5 mm / 0.177 x 0.177 in
International Standard	ISO 15693
Industry Segments	Food & Beverage Apparel Pharmaceuticals & Healthcare Beauty General Industry
Applications	NFC Consumer Engagement Product Authentication Brand Protection
RoHS	EU Directive 2011/65/EU and Directive (EU) 2015/863
REACH	Regulation (EC) No. 1907/2006

Tiny, powerful square inlay for use where space is at a premium

AD Nanoblock ICODE SLIX HC is one of the smallest HF/NFC inlays available (antenna size 4.5 x 4.5 mm), delivering excellent performance in for example general Industry, apparel, pharmaceuticals and healthcare, food and beverage and beauty applications, or any other space-constrained environment. It is ideal for consumer engagement, product authentication and brand protection use-cases.

Conforming to NFC Type 5, which offers support for the ISO/IEC 15693 specification, the tag also offers the flexibility of NFC, which allows it to be read by any suitable modern smartphone.

The AD Nanoblock ICODE SLIX HC is extremely compact, delivering enhanced performance with its copper-based design. It uses NXP's ICODE SLIX HC chip, which offers 896-bit of user memory. The tag is currently available as a dry and RIF wet inlay , but can be offered in other delivery formats.

Like all RFID products from Avery Dennison, AD Nanoblock ICODE SLIX HC inlays are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs.

Technical features

Chip / Chip Attachment Technology	NXP ICODE SLIX HC / Direct chip attach (DCA)	
EPC and User Memory	896-bit	
TID Memory	-	
Product Code	IL-612844	IL-612842
Delivery Format	Dry inlay	RIF Wet inlay
Die-Cut Dimensions	N/A	5.5 x 5.5 mm / 0.217 x 0.217 in
Die-Cut Corner Radius	-	1 mm/ 0.039 in
Inlay Substrate	PI Brown 50	PI Brown 50
Face Sheet	-	Clear PET 12
Adhesive	-	RA-5
Total Thickness (over chip and release liner)	8.26 mils / 210 microns	10.23 mils / 260 microns
Standard Pitch	20 mm / 0.78 in	20 mm / 0.78 in
Web Width	20 mm / 0.78 in	20 mm / 0.78 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	5,000 pcs/reel	5,000 pcs/reel
Size of Roll	Max OD 15"	Max OD 12"
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	
On-Metal	Non metal	
ARC Certificates	-	

*Other product codes available upon request.

Find more label solutions at
rfid.averydennison.com



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