

AD Miniweb U9XM

Overview

Frequency Band

UHF 860 - 960 MHz

Chip Attachment Technology

Direct Chip Attach

Chip

NXP UCODE 9XM

Antenna Dimensions

42 x 16 mm / 1.65 x 0.63 in

International Standard

ISO 18000-63, EPC Class 1 Gen 2

Industry Segments

Automotive
Industrial Application
Logistics

RoHS

EU Directive 2011/65/EC and
Directive (EU) 2015/863

REACH

Regulation (EC) No 1907/2006



High-Performance automotive inlays for small products and plastic components

AD Miniweb U9XM inlays and tags are designed for automotive and industrial applications, offering excellent performance on a small product and plastic components.

AD Miniweb U9XM inlays and tags have a compact size of 45 x 18 mm / 1.65 x 0.63 inch, which can be easily converted into end-application usage, and are available in wet format.

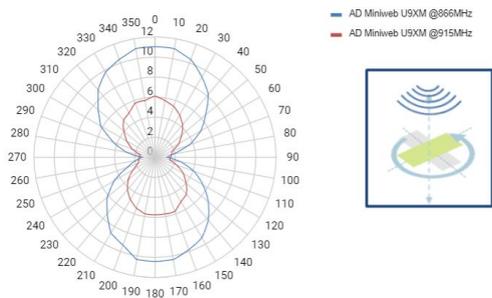
AD Miniweb equipped with NXP UCODE 9XM IC offers higher memory with 256-bit of EPC memory and 624-bit user memory. Furthermore, it offers a self adjust feature to maximize product performance i.e. longer read range in challenging environments.

Avery Dennison Smartrac inlays and tags are halogen-free and are compliant with ISO 9001:2015 Quality Management as well as ISO 14001:2015 Environmental Management Standards, which ensure a reliable and state-of-the-art product that meets a variety of applications needs, especially in the automotive segment.

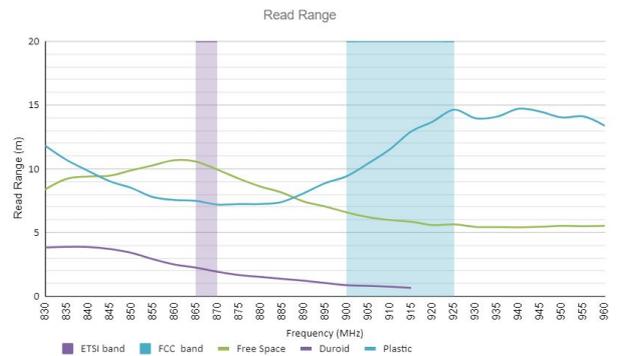
Technical features

Chip	NXP UCODE 9XM
Chip Attachment Technology	Direct Chip Attach
EPC and User Memory	256-bit and 624-bit
TID Memory	96-bit / 48-bit unique serial number
Product Code	3009493 / IL-609531
Delivery Format	Wet inlay
Die-Cut Dimension	45 x 18 mm / 1.77 x 0.71 in
Inlay Substrate	PET
Face Sheet	-
Standard Pitch	20 mm / 0.787 in
Web Width	48 mm / 1.89 in
Core Size	76 mm / 3 in
Quantity / Reel	15,000 pcs/reel 30,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F

Orientation sensitivity



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.

