

AD Grille U9

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP UCODE 9

Chip Attachment Technology

Direct Chip Attach

Antenna Dimensions

22 x 22 mm / 0.87 x 0.87 in

International Standard

ISO 18000-63, EPC Class 1 Gen 2

Industry Segments

Automotive
Healthcare

Applications

Small item tagging

RoHS

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

REACH

Regulation (EC) No 1907/2006



Small tag with global performance

AD Grille U9 inlays and tags with UCODE 9 ICs from NXP are designed for industrial application in the automotive, office appliances, and pharmaceutical sectors, among others. The optimized size and shape of Grille makes it suitable to various industrial applications where the space is limited.

AD Grille U9 offers excellent performance on light and medium loads and feature the tiniest optimized form factor to tag small items in industrial environments. It is available with the latest NXP UCODE 9 ICs and taking advantage of improved IC sensitivity, AD Grille U9 provides global RF performance.

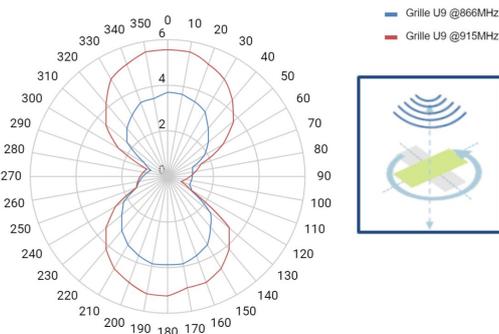
Our inlays and tags are halogen-free and are compliant with ISO 9001:2015 Quality Management as well as ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of applications with extended user memory needs.

Technical features

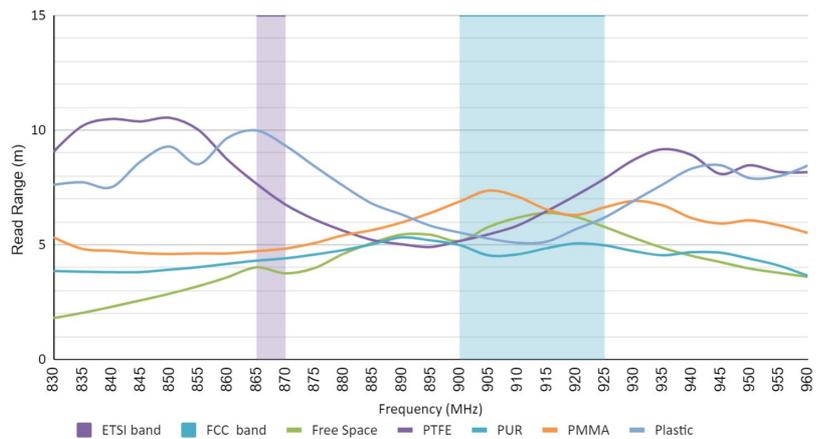
Chip	NXP UCODE 9
Chip Attachment Technology	Direct Chip Attach
EPC and User Memory	96-bit and 0-bit
TID Memory	96-bit / 48-bit unique serial number
Product Code	3008727 / IL-604549
Delivery Format	Wet inlay
Die-Cut Dimension	25x25 mm
Inlay Substrate	PET
Face Sheet	-
Standard Pitch	28 mm / 1.102 in
Web Width	30 mm / 2 in
Core Size	76 mm / 3 in
Quantity / Reel	5,000 pcs/reel 15,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F

*Other product codes available upon request.

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.

