AD Belt High Temp U7XM

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
NXP UCODE 7XM

Chip Attachment Technology
Direct Chip Attach

Antenna Dimensions
70 x 10 mm / 2.76 x 0.39 in

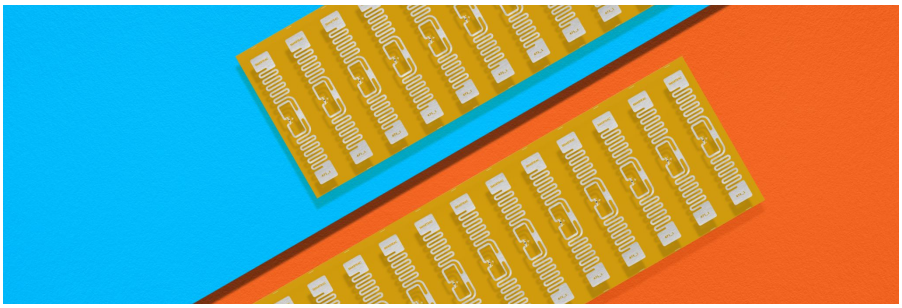
International Standard
ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments
Industrial Applications
Automotive
Logistics

Applications
Automotive tracking
Inventory and logistics

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

REACH
Regulation (EC) No 1907/2006



Excellent global performance with high temperature resistance

Our AD Belt High Temp U7XM inlays with the high memory IC from the NXP UCODE family are designed for Industrial, Automotive and Logistic applications, and offer excellent performance in demanding environments and on different materials.

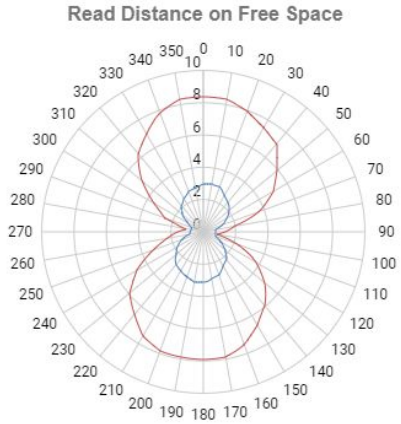
Our AD Belt High Temp U7XM inlay can tolerate high temperature cycling such as 180ºC, 45 minutes and 6 cycles. It is available with the NXP UCODE 7XM with extended memory, supporting 2 kbit of user memory and 448 bit EPC memory. The high thermal resistance inlay is now available in dry delivery format.

Our inlays and tags 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 applications with extended user memory needs.

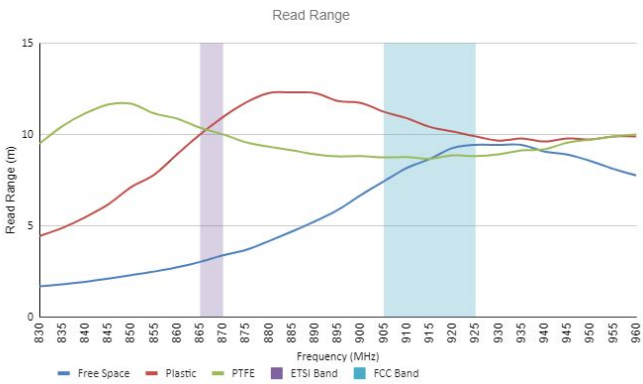
Technical features

Chip	NXP UCODE 7XM
Chip Attachment Technology	Direct Chip Attach
EPC and User Memory	448-bit and 2048-bit
TID Memory	96-bit / 48-bit unique serial number
Product Code	3008116 / IL-604088
Delivery Format	Dry inlay
Die-Cut Dimension	–
Inlay Substrate	PI
Face Sheet	-
Standard Pitch	20 mm / 0.787 in
Web Width	80 mm / 3 in
Core Size	76 mm / 3 in
Quantity / Reel	10000 pcs/reel 10000 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
rfid.averydennison.com/contact
+1-678-617-2359

Connect with us on:

© 2022 Avery Dennison Corp. All rights reserved. 170 Monarch Lane, Miamisburg, OH 45342, USA Third party trademarks and/or trade names used herein are the property of their respective owner(s). Some of the trademarks appear for identification purposes only.

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.