AD Maxdura® Case

Overview

Frequency Band
HF 13.56 MHz

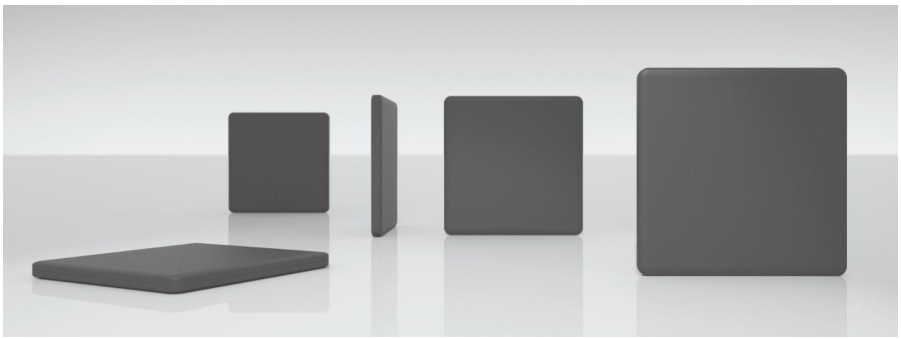
Chip
NXP ICODE SLIX

Hard Tag Dimensions
51 x 51 mm / 2.01 x 2.01 in

International Standard
ISO 18000-3 Mode 3
ISO 18000-6C, EPC Class 1 Gen 2
ISO 15693

Industry Segments
Automotive
Logistics
Industrial Applications

Applications
Supply Chain Management
Asset Tracking
Returnable Transport Units (RTUs)



High-temperature resistance for coating lines and industrial applications

Our AD Maxdura® Case have been specifically designed to meet high temperature requirements in industrial applications and coating lines. Made from PPS, the AD Maxdura® Case offers high resistance to harsh surrounding conditions, in particular resistance to high-temperature, mechanical stress and most chemicals.

The high-temperature tags have been successfully tested to sustain 200°C for 60 minutes, 220°C for 45 minutes, and 240°C for 30 minutes. Furthermore, it resists acetone, sodium carbonate, saltwater, fresh water, acetic acid and ethyl alcohol. In addition, vibration and shock resistance have been verified to conform to IEC 86.2.6 and IEC 68.2.29.

Our AD Maxdura® Case provides reliable read range and excellent performance. The tags contribute to process acceleration, efficiency gains and optimized tracking and tracing of goods and parts. Due to their high resistance, they are very well suited to tap the benefits of passive RFID in harsh environments and demanding industrial applications.

Technical features

Chip	NXP ICODE SLIX
EPC and User Memory	–
Total Memory	1024-bit
TID Memory	Available
Product Code	HT-600148
Hard Tag Dimension	51 x 51 mm / 2.01 x 2.01 in
Frequency Band	HF 13.56 MHz
Thickness	6.50 mm / 0.26 in
Housing Material	PPS+GF30%
Color	Black
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F
Storage Temperature	-55 °C to 185 °C / -67 °F to 365 °F
Extreme Temperature	60 mins at 200 °C / 392 °F, 1000 cycles 45 mins at 220 °C / 428 °F, 1000 cycles 30 mins at 240 °C / 464 °F, 1000 cycles
Quantity / Package	400 pcs / box
Certificates	IP68

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