Maxdura® Brick

Overview

Frequency Band
UHF 860 – 960 MHz

Chip
Alien Higgs 3

Hard Tag Dimensions
39 x 13 mm / 1.54 x 0.51 in

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

Industry Segments
Industrial Applications
Logistics
Automotive

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

Compact size for on-metal tagging

Our Maxdura® Brick has been designed with a rugged construction for high durability on metallic surfaces. It offers excellent read range performance up to seven meters. Its compact size makes it suitable for IT asset tracking such as backup tapes, servers, network routers, hard drives and media tapes without any human intervention. Moreover, it fits applications for inventory control, track and trace of small tools and manufacturing equipment.

This UHF RFID hard tag, member of our Maxdura® product family is a passive, battery-less transponder equipped with Alien Higgs-3 IC, including 512-bit user memory.

It offers a flexible read / write range depending on the reader. Maxdura® Brick housing is made of TPU, fulfilling ingress protection IP68. Other plastic materials and colors are available upon request. It can be easily fixed with adhesive backing and a hanging thread through a tiny hole for easy mounting. Maxdura® Brick is also available for non-metallic applications.

Due to its excellent read range, compact size and high resistance, it is very well suited to tap the benefits of passive RFID in different industrial applications.

Technical features

Chip	Alien Higgs 3	Alien Higgs 3
EPC and User Memory	96-bit and 512-bit	
TID Memory	Available for all	
Product Code	3500215	3500224
Hard Tag Dimension	39 x 13 mm / 1.54 x 0.51 in	
Frequency Band	UHF 860 – 960 MHz	
Thickness	5.3 mm / 0.21 in	
Housing Material	TPU	
Color	Black	
Operating Temperature	–25 °C to 85 °C –13 °F to 185 °F	–40 °C to 85 °C –40 °F to 185 °F
Storage Temperature	–25 °C to 85 °C –13 °F to 185 °F	
Quantity / Package	100 pcs / box	
Certificates	IP68 ETSI	IP68 FCC

Contact information

rfid.averydennison.com/contact
North America: +1-866-903-7343 (toll free US)
International: +1-678-617-2359

REACH COMPLIANCE

RoHS

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