DATASHEET

RFID USA Ultra-High Frequency Solutions ›

Molex's USA Ultra-High Frequency Solutions offer Molex RFID tags in a variety of frequencies and designs to enable cost-effective, versatile, efficient and accurate monitoring of valuable inventory and assets.

FEATURES AND ADVANTAGES

Frequency	902 to 928 MHz
Band	Ultra-High Frequency (UHF)
Read Range	2.0 to 16.8m/6.5 to 55 ft.
User Memory	32 or 512 bits
Attachment Method	Various
Operating Temperatures	-40 to +85°C

BRICK RFID TAG FOR METAL SURFACES

IP68 Rating
Meets industry standard protection from water and dust ingress for use in harsh environments

Tags in Multiple Package Sizes

MINI-BRICK RFID TAG FOR METAL SURFACES

FCC-US Frequency
From 902 to 928 MHz; accommodates a wide range of applications in the US

Customizable Appearance
Ensures easy identification, with laser or inkjet engraving available
UPON SPECIAL REQUEST

EVO RFID TAG FOR METAL SURFACES

IP68 Rating
Meets industry standard protection from water and dust ingress for use in harsh environments

Tags in Multiple Package Sizes

D34 512-BIT RFID TAG FOR METAL SURFACES

FCC-US Frequency
From 902 to 928 MHz; accommodates a wide range of applications in the US

Customizable Appearance
Ensures easy identification, with laser or inkjet engraving available
UPON SPECIAL REQUEST

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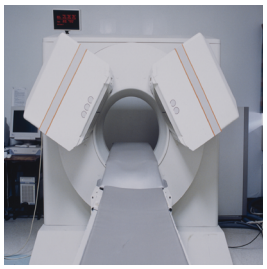
MARKETS AND APPLICATIONS

Healthcare
Inventory control equipment
Medical devices
Medication notification systems

Industrial
Asset and inventory tracking systems
Logistics equipment
Real-time location (RTL) systems

Automotive
Rental unit tracking devices
Vehicle tracking equipment



SPECIFICATIONS

Brick RFID Tag for Metal Surfaces

Reference Information
Series Number: 13517

Physical
Material: Black PPS
Applicable Surface: Metal
Attachment Method:
Adhesive; Screw**
Operating Temperatures: -40° to 85°C
Storage Temperatures: -40° to 150°C

Electrical
RF Interface Protocol:
EPC Class1 Gen2 V2/ISO 18000-6C
Operating Frequency:
902 to 928 MHz
Read Range:* 16.8m
Memory: EPC 128 bits/TID 96 bits

Mini Brick RFID Tag for Metal Surfaces

Reference Information
Series Number: 13518

Physical
Material: Black nylon
Applicable Surface: Metal
Attachment Method:
Adhesive; Screw**
Operating Temperatures: -40° to 85°C
Storage Temperatures: -40° to 120°C

Electrical
RF Interface Protocol:
EPC Class1 Gen2 V2/ISO 18000-6C
Operating Frequency:
902 to 928 MHz
Read Range:* 7.9m
Memory: EPC 128 bits/
TID 96 bits serialized

EVO RFID Tag for Metal Surfaces

Reference Information
Series Number: 13519

Physical
Material: Black nylon
Attachment Method:
Adhesive; Screw**
Operating Temperatures: -40° to 85°C
Storage Temperatures: -40° to 120°C

Electrical
RF Interface Protocol:
EPC Class1 Gen2 V2/ISO 18000-6C
Operating Frequency:
902 to 928 MHz
Read Range:* 15.8m
Memory: EPC 128 bits/TID 96 bits

D34 512-Bit RFID Tag for Metal Surfaces

Reference Information
Series Number: 13524

Physical
Material: Black nylon
Applicable Surface: Metal
Attachment Method:
Adhesive; Screw**
Operating Temperatures: -40° to 85°C
Storage Temperatures: -40° to 100°C

Electrical
RF Interface Protocol:
EPC Class1 Gen2 V2/ISO 18000-6C
Operating Frequency: 902to 928 MHz
Read Range:* 2.0m
Memory:
EPC 128 bits/TID 96 bits serialized

Distance was read using a production FEIG NFC HF reader in a controlled environment. Read performance may vary in final application.
***Not included, M5 is recommended*

www.molex.com/link/rfid.html

Order No. 987652-5942 USA/0k/GF/2023.04