Soligie® RFID tag communicates data under the toughest conditions, mounts unobtrusively on glass and utilizes a tamper-proof design, making it ideal for applications such as fleet management, vehicle registration and vehicle inventory management.

**Features and Benefits**

- Excellent adhesion to glass
  - Effective for vehicle tracking

- High-performance, UV-resistant acrylic adhesive
  - Offers superior longevity
  - Withstands outdoor applications

- Anti-tamper security
  - Prevents tag removal and reuse

- Durable print, resistant to glass cleaner
  - Withstands everyday maintenance of vehicles

- Four-color process available, accompanying barcode
  - Customizable printing to show customers’ logos on labels

- Strong RF signal – read range of 4 to 5m (12 to 17 feet)
  - Mitigates risk of communication problems with readers

- Small footprint: 70.00 mm by 15.00 mm (2.75 by 0.60”)
  - Allows unobtrusive placement on vehicle windows
  - Does not diminish vehicle aesthetics

- Additional data storage: 96-bit EPC memory plus 512-bit user memory
  - Can manage large amounts of custom data

**Industries**

- Automotive Manufacturing
- Automotive Sales/Retail
- Government

**Applications**

- Lot Management
- Sales and Retail Inventory
- Lot Access/Control
- Geo Fencing Enhancement
- Vehicle Registration
- Fleet Management

- Lot Access/Control
- Fleet Management
- Car Wash
Printed Electronics
RFID Solutions

Soligie® RFID Tag

RFID Specifications

PHYSICAL
Dimensions
70.00 to 15.00mm (2.75 by 0.6")

Use Case
On glass (interior mount)

Attachment
High-performance, UV-resistant acrylic adhesive

Weight
1.5 grams

ELECTRICAL/RF
Typical Read Range
3.66 to 5.18m (12 to 17') at 36 dBm ERP, tag on inside of window

Frequency
902 to 928 MHz

IC Platform
Alien Technology Higgs3

IC Memory
96-bit EPC, 512-bit user memory

ENVIRONMENTAL
Application Temperature
+10°C (+50°F)

Service Temperature
-40 to +149°C (-40 to +300°F)

Example Configurations

Ordering Information

<table>
<thead>
<tr>
<th>Series No.</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>15502-0009</td>
<td>Soligie® Molex RFID Tag</td>
</tr>
<tr>
<td>15502-0010</td>
<td>Soligie® Blank RFID Tag</td>
</tr>
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</table>

Custom Product

<table>
<thead>
<tr>
<th>Product</th>
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</thead>
<tbody>
<tr>
<td>Contact Molex</td>
</tr>
</tbody>
</table>

www.molex.com/link/rfidtag.html