This UHF RFID tag is designed as a Hang-Tag to be used in applications where reusability is not a definite requirement.

UHF EPC Class 1 Generation 2 (ISOv180006c) compliant product is designed for industrial manufacturing applications. It can be used in applications where reusability is not a definite requirement. Designed as a Hang-Tag in particular, the RFID tag is ideally suited for tracking items in severe industrial environments such as industrial electrophoretic painting processes including the coating and painting processes that are challenging for RFID tags due to the use of several chemicals and high temperatures associated with the painting process.

Key Features

- Up to 3m read distance
- High temperature resistant
- EPC Class 1 Gen 2 communication protocol compliant
- Reduces costs related to indirect maintenance and labor in comparison with permanent tag

Technical Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>30 x 130 mm, thickness 270</td>
</tr>
<tr>
<td>Frequency range</td>
<td>856MHz to 928MHz</td>
</tr>
<tr>
<td>Communication protocol</td>
<td>EPC Class 1 Gen 2</td>
</tr>
<tr>
<td>Read range</td>
<td>Approx. 3m/9.8ft</td>
</tr>
<tr>
<td>IC and memory size</td>
<td>96-bit EPC Impinj Monza ; 512-bit EPC NXP UCODE</td>
</tr>
<tr>
<td>Encapsulation material</td>
<td>Temperature resistant plastic</td>
</tr>
<tr>
<td>Process temperature</td>
<td>0°C to +200°C ; -40°F to 149°F</td>
</tr>
</tbody>
</table>
865 to 928MHz Gen 2 Corona Tag – Passive (116402)

Mounting
Mechanical; Adhesive μm; 1.2 x 5.1 inches, thickness 11 mils

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Toll Free (USA & Canada)
1-877-585-9555
All Other Areas
416-292-0038
Dial Ext.601 for Sales
Ext.602 for Other Inquiries

China: 86-519-80691090
86-519-80691089
sales@GAORFID.com