



## Metal Üstü Yüksek Sıcaklığa Dayanıklı Yuvarlak RFID Etiket

### Functional Specifications:

|                                                                      |                                                                          |
|----------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>RFID Protocol:</b>                                                | EPC Class1 Gen2, ISO18000-6C                                             |
| <b>Frequency:</b>                                                    | (US) 902-928MHz, (EU) 865-868MHz                                         |
| <b>IC type:</b>                                                      | Alien Higgs-4                                                            |
| <b>Memory:</b>                                                       | EPC 128bits, USER 128bits, TID64bits                                     |
| <b>Write Cycles:</b>                                                 | 100,000times                                                             |
| <b>Functionality:</b>                                                | Read/write                                                               |
| <b>Data Retention:</b>                                               | Up to 50 Years                                                           |
| <b>Applicable Surface:</b>                                           | Metal Surfaces                                                           |
| <b>Read Range :</b><br>(Fix Reader:ThingMagic FU-M6-E, 36dBm/4W)     | 250cm - (US) 902-928MHz, on metal;<br>270cm - (EU) 865-868MHz, on metal; |
| <b>Read Range :</b><br>(Handheld Reader: RFG T9908, R2000, 33dBm/2W) | 120cm - (US) 902-928MHz, on metal;<br>140cm - (EU) 865-868MHz, on metal; |
| <b>Warranty:</b>                                                     | 1 Year                                                                   |

### Physical Specification:

|                          |                                           |
|--------------------------|-------------------------------------------|
| <b>Size:</b>             | D20mm, (Hole: D2mmx2)                     |
| <b>Thickness:</b>        | 2.1mm without IC bump, 2.8mm with IC bump |
| <b>Material:</b>         | High Temperature Material                 |
| <b>Colour:</b>           | Black                                     |
| <b>Mounting Methods:</b> | Adhesive, Screw                           |
| <b>Weight:</b>           | 1.0g                                      |

### Environmental Specification:

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| <b>IP Rating:</b>             | IP68                                                            |
| <b>Storage Temperature:</b>   | -55°C to +200°C<br>(280°C for 50 minutes, 250°C for 150minutes) |
| <b>Operation Temperature:</b> | -40°C to +150°C<br>(working 10hours in 180°C)                   |
| <b>Certifications:</b>        | Reach Approved, RoHS Approved, CE Approved                      |

Order information:

|             |                  |
|-------------|------------------|
| RFG T2019U1 | (US) 902-928MHz, |
| RFG T2019E1 | (EU) 865-868MHz  |