

## UHF Anti Metal Tag Model HT4215 (High temp)



### Functional Specifications:

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| RFID Protocol                | : EPC Class1 Gen2, ISO18000-6C                                         |
| Frequency                    | : (US) 902-928MHz, (EU) 865-868MHz                                     |
| IC type                      | : Alien Higgs-4                                                        |
| Memory                       | : EPC 128bits, USER128bits, TID64bits                                  |
| Write Cycles                 | : 100,000 times                                                        |
| Functionality                | : Read / Write                                                         |
| Data Retention               | : Up to 50 Years                                                       |
| Applicable Surface           | : Metal Surfaces                                                       |
| Read Range (Fix Reader)      | : 680cm-(US) 902-928MHz, On Metal;<br>700cm-(EU) 865-868MHz, On Metal; |
| Read Range (Handheld Reader) | : 530cm-(US) 902-928MHz, On Metal;<br>550cm-(EU) 865-868MHz, On Metal; |
| Warranty                     | : 1 Year                                                               |

### Physical Specifications:

|                  |                             |
|------------------|-----------------------------|
| Size             | : 42x15mm                   |
| Hole             | : D4mmx2                    |
| Thickness        | : 2.1mm, 2.8mm with IC bump |
| Material         | : High Temperature Material |
| Color            | : Black                     |
| Mounting Methods | : Adhesive, Screw           |
| Weight           | : 3.5g                      |

### Environmental Specifications:

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