

**PEAKID**  
Transponder ON METAL  
Square TAG

**PART ID:**  
**2012-01-349-00**

Operates effectively with a very good read range, especially when attached to metal.

**Main Specifications**

|                       |                                                                            |
|-----------------------|----------------------------------------------------------------------------|
| Material              | ABS                                                                        |
| Operating Temperature | -40°C to 85°C                                                              |
| IP Class              | IP68                                                                       |
| Compliance            | RoHs & Reach, CE                                                           |
| Key Features          | ON-Metal Use, Rough Environment, Heat Tolerant, Versatile, High Durability |
| Options               | Adhesive, Laser Engraving, Preprinted Artwork                              |



**Chip Specification (Chip 349)**

|           |                                      |
|-----------|--------------------------------------|
| Chip      | Alien - Higgs 3                      |
| Frequency | 869 MHz ( UHF )                      |
| Memory    | TID 64 Bit; EPC 96 Bit; User 512 Bit |
| Norm      | ISO 18000-6C / EPC Gen2 V2           |

**Full Specifications**

|                   |                                                                                                                                                                                                                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID        | 2012                                                                                                                                                                                                                                                                                            |
| Name              | PEAKID                                                                                                                                                                                                                                                                                          |
| On Metal Use      | yes                                                                                                                                                                                                                                                                                             |
| Material          | ABS                                                                                                                                                                                                                                                                                             |
| Shape             | Ultrasonic Welded                                                                                                                                                                                                                                                                               |
| Short Description | Operates effectively with a very good read range, especially when attached to metal.                                                                                                                                                                                                            |
| Long Description  | Operates effectively with a very good read range, especially when attached to metal. Rugged construction for high durability. Can be attached by screws with the help of two holes.. Can also be provided with Adhesive tape for easy attachment. Flexible Read/Write Range (reader dependent). |
| Key Features      | ON-Metal Use, Rough Environment, Heat Tolerant, Versatile, High Durability                                                                                                                                                                                                                      |
| Options           | Adhesive, Laser Engraving, Preprinted Artwork                                                                                                                                                                                                                                                   |
| Article Type      | Square TAG                                                                                                                                                                                                                                                                                      |

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

|                         |                  |
|-------------------------|------------------|
| Color                   | Blue             |
| Length [mm]             | 55               |
| Width [mm]              | 22               |
| Thickness [mm]          | 5                |
| Weight [g]              | 5.6              |
| Hole                    | yes              |
| Operating Temp °C (min) | -40              |
| Operating Temp °C (max) | 85               |
| Storage Temp °C (min)   | -40              |
| Storage Temp °C (max)   | 85               |
| IP Class                | IP68             |
| Chemical Resistance     | Not Specified    |
| Flame Resistance        | Not Specified    |
| Mechanical Resistance   | Not Specified    |
| Attachment Method       | Screw/Rivet      |
| Compliance              | RoHs & Reach, CE |

VARIANTS AND ICS

|                |           |      |         |                            |
|----------------|-----------|------|---------|----------------------------|
| ID             | Variant   | Band | Type    | ISO                        |
| 2012-01-349-00 | 55x22x5mm | UHF  | Higgs 3 | ISO 18000-6C / EPC Gen2 V2 |

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.