

# Transponder ATEX

## Ceramic TAG

**PART ID:**  
**3003**

The small ceramic Tag can be embedded into the head of a bolt to RFID enable any aviation, automotive or manufacturing product.

### Main Specifications

|                       |  |
|-----------------------|--|
| Frequencies           | <b>LF HF UHF</b>                           |
| Material              | Ceramic                                    |
| Operating Temperature | -40°C to 60°C                              |
| IP Class              | IP68                                       |
| Compliance            | RoHs & Reach, CE                           |
| Key Features          | Small Size, Heat Tolerant, High Durability |



### Full Specifications

|                         |   |
|-------------------------|---|
| Product ID              | 3003  |
| Atex                    | yes   |
| On Metal Use            | yes   |
| Material                | Ceramic   |
| Shape                   | Overmolded  |
| Long Description        | The small ceramic Tag can be embedded into the head of a bolt to RFID enable any aviation, automotive or manufacturing product. |
| Key Features            | Small Size, Heat Tolerant, High Durability  |
| Main Use                | Tool Tracking   |
| Article Type            | Ceramic TAG   |
| Color                   | White   |
| Length [mm]             | 12.8  |
| Width [mm]              | 7.08  |
| Thickness [mm]          | 3.08  |
| Weight [g]              | 1.4   |
| Operating Temp °C (min) | -40   |
| Operating Temp °C (max) | 60  |
| Storage Temp °C (min)   | -40   |
| Storage Temp °C (max)   | 60  |
| IP Class                | IP68  |
| Chemical Resistance     | Not Specified   |

|                       |                  |
|-----------------------|------------------|
| Flame Resistance      | Not Specified    |
| Mechanical Resistance | Not Specified    |
| Attachment Method     | Embed            |
| Compliance            | RoHs & Reach, CE |

## VARIANTS AND ICS

| ID             | Variant                   | Band | Type    | ISO                        |
|----------------|---------------------------|------|---------|----------------------------|
| 3003-01-349-00 | 12.8x7.08x3.08mm IN Metal | UHF  | Higgs 3 | ISO 18000-6C / EPC Gen2 V2 |