

# 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           | LF HF <b>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                                                                                                                   |

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|                       |                  |
|-----------------------|------------------|
| 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 |

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