

# Transponder

## DISC TAG

**PART ID:**  
**1002-01-349-00**

With a central hole, Overmolded Stick Tag can be easily fixed on non-metal objects for warehouse management, process control and asset tracking.

### Main Specifications

|                       |                   |
|-----------------------|-------------------|
| Material              | Polyamid          |
| Operating Temperature | -40°C to 90°C     |
| IP Class              | IP68              |
| Compliance            | RoHs & Reach, CE  |
| Key Features          | Rough Environment |
| Options               | Laser Engraving   |



### 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        | 1002   |
| Material          | Polyamid   |
| Shape             | Overmolded   |
| Short Description | With a central hole, Overmolded Stick Tag can be easily fixed on non-metal objects for warehouse management, process control and asset tracking. |
| Key Features      | Rough Environment  |
| Options           | Laser Engraving  |
| Comments          | 30mm FRAM Version 2.5mm Thickness and Hole 5.2mm, 50mm Peak Temp 160°C-50h and 220°C-30min   |
| Article Type      | DISC TAG   |
| Color             | Black  |
| Thickness [mm]    | 3  |
| Weight [g]        | 3  |
| Hole              | yes  |

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|                         |                  |
|-------------------------|------------------|
| Operating Temp °C (min) | -40              |
| Operating Temp °C (max) | 90               |
| Storage Temp °C (min)   | -40              |
| Storage Temp °C (max)   | 120              |
| Peak Temp I / °C        | 120              |
| Peak TIME I [h]         | 72               |
| 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                     |
|----------------|--------------------|------|------------|-------------------------|
| 1002-01-260-00 | D30x3mm Hole 5mm   | HF   | ICODE SLIX | ISO/IEC 15693 & 18000-3 |
| 1002-01-267-00 | D30x3mm Hole 5mm   | HF   | MB89R118   | ISO/IEC 15693 & 18000-3 |
| 1002-02-260-00 | D50x3mm Hole 5.2mm | HF   | ICODE SLIX | ISO/IEC 15693 & 18000-3 |
| 1002-02-267-00 | D50x3mm Hole 5.2mm | HF   | MB89R118   | ISO/IEC 15693 & 18000-3 |