# World Tag

**Transponder**
**DISC TAG**

**PART ID:**
## 1039-01-152-00

Cost-effective, LF disc-shaped RFID Tags for indoor applications.

### Main Specifications

| | |
|---|---|
| Material | PC |
| Operating Temperature | -25°C to 70°C |
| IP Class | Not Specified |
| Compliance | RoHs & Reach, CE |
| Key Features | Cost-Effective |
| Options | Pad Printing |




### Chip Specification (Chip 152)

| | |
|---|---|
| Chip | EM Marin - EM4200/Unique |
| Frequency | 125 kHz ( LF ) |
| Memory | UID 64 Bit; Read only |
| Norm | ISO/IEC 11784/85 Compatible |

## Full Specifications

| | |
|---|---|
| Product ID | 1039 |
| Name | World Tag |
| Material | PC |
| Shape | Ultrasonic Welded |
| Short Description | Cost-effective, LF disc-shaped RFID Tags for indoor applications. |
| Long Description | World Tag™ printable passive contactless transponders deliver reliable, cost-effective LF RFID performance for light-duty, indoor applications. |
| Key Features | Cost-Effective |
| Options | Pad Printing |
| Comments | D20mm No Hole |
| Main Use | Asset Tracking |
| Article Type | DISC TAG |
| Color | Black |
| Thickness [mm] | 2.1 |
| Hole | yes |

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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.



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| | |
|---|---|
| Operating Temp °C (min) | -25 |
| Operating Temp °C (max) | 70 |
| Storage Temp °C (min) | -40 |
| Storage Temp °C (max) | 90 |
| Food compatible | yes |
| IP Class | Not Specified |
| 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 |
|---|---|---|---|---|
| 1039-01-152-00 | D20x2.1mm No Hole | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 1039-01-101-00 | D20x2.1mm No Hole | LF | Q5 | |
| 1039-01-112-00 | D20x2.1mm No Hole | LF | HITAG S 256 | ISO/IEC 11784 & 11785 & 14223 |
| 1039-02-152-00 | D30x2.1mm | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 1039-02-101-00 | D30x2.1mm | LF | Q5 | |
| 1039-02-103-00 | D30x2.1mm | LF | EM 4550 | ISO/IEC 11784/85 Compatible |
| 1039-02-112-00 | D30x2.1mm | LF | HITAG S 256 | ISO/IEC 11784 & 11785 & 14223 |
| 1039-03-152-00 | D50x2.1mm | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 1039-03-113-00 | D50x2.1mm | LF | HITAG S 2048 | ISO/IEC 11784 & 11785 & 14223 |

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