

# Transponder

## DISC TAG

### PART ID:

**1031-02-267-00**

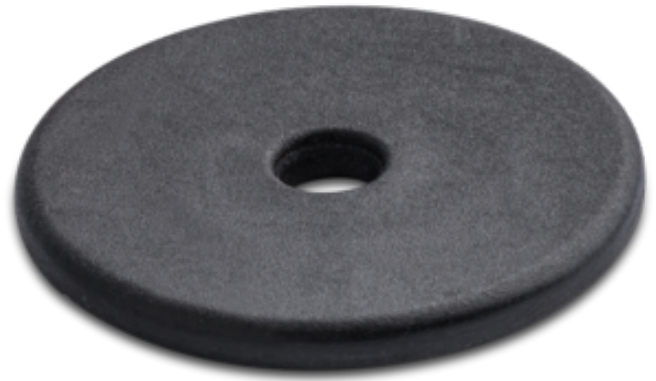
Versatile disc-shaped RFID tags designed to perform in the toughest conditions

### Main Specifications

|                       |                  |
|-----------------------|------------------|
| Material              | PPA              |
| Operating Temperature | -25°C to 85°C    |
| IP Class              | IP69K            |
| Compliance            | RoHs & Reach, CE |

### Chip Specification (Chip 267)

|           |                               |
|-----------|-------------------------------|
| Chip      | Fujitsu - MB89R118            |
| Frequency | 13.56 MHz ( HF )              |
| Memory    | UID 8 Byte; User 2K Byte FRAM |
| Norm      | ISO/IEC 15693 & 18000-3       |



### Full Specifications

|                         |  |
|-------------------------|--|
| Product ID              | 1031   |
| Material                | PPA  |
| Shape                   | Overmolded   |
| Short Description       | Versatile disc-shaped RFID tags designed to perform in the toughest conditions   |
| Long Description        | DISC Tag passive contactless RFID transponders are highly ruggedized and ideal for multiple industrial applications. Water, chemical and shock resistant, the food compatible tags are also UL94-HB flame resistant. The versatile heavy-duty tags offer a round disc shape makes them easy to fix with a single screw or rivet. |
| Comments                | No Hole on 20mm TAG / 5.2mm hole on Diameter 30mm and 50mm   |
| Main Use                | Manufacturing Automation   |
| Article Type            | DISC TAG   |
| Color                   | Black  |
| Thickness [mm]          | 3  |
| Hole                    | yes  |
| Operating Temp °C (min) | -25  |
| Operating Temp °C (max) | 85   |
| Storage Temp °C (min)   | -40  |
| Storage Temp °C (max)   | 90   |

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Where application information is given, it is only advisory and does not form part of the specification.

|                       |                  |
|-----------------------|------------------|
| Peak Temp I / °C      | 120              |
| High Temp             | yes              |
| Food compatible       | yes              |
| IP Class              | IP69K            |
| Chemical Resistance   | Not Specified    |
| Flame Resistance      | UL 94 HB         |
| Mechanical Resistance | IK 06            |
| Attachment Method     | Screw/Rivet      |
| Compliance            | RoHs & Reach, CE |

## VARIANTS AND ICS

| ID             | Variant | Band | Type          | ISO                           |
|----------------|---------|------|---------------|-------------------------------|
| 1031-01-152-00 | D20x3mm | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible   |
| 1031-01-267-00 | D20x3mm | HF   | MB89R118      | ISO/IEC 15693 & 18000-3       |
| 1031-01-264-00 | D20x3mm | HF   | ICODE SLIX 2  | ISO/IEC 15693 & 18000-3       |
| 1031-02-152-00 | D30x3mm | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible   |
| 1031-02-113-00 | D30x3mm | LF   | HITAG S 2048  | ISO/IEC 11784 & 11785 & 14223 |
| 1031-02-264-00 | D30x3mm | HF   | ICODE SLIX 2  | ISO/IEC 15693 & 18000-3       |
| 1031-02-267-00 | D30x3mm | HF   | MB89R118      | ISO/IEC 15693 & 18000-3       |
| 1031-03-152-00 | D50x3mm | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible   |
| 1031-03-113-00 | D50x3mm | LF   | HITAG S 2048  | ISO/IEC 11784 & 11785 & 14223 |
| 1031-03-267-00 | D50x3mm | HF   | MB89R118      | ISO/IEC 15693 & 18000-3       |
| 1031-03-264-00 | D50x3mm | HF   | ICODE SLIX 2  | ISO/IEC 15693 & 18000-3       |