

# Transponder

## DISC TAG

### PART ID:

**1071-01-263-00**

The HF/NFC or LF RFID EPOXY (ABS) TAG integrate a wound copper coil inlay. The e-unit (chip+coil) is placed in the ABS housing shell and completely potted and closed with epoxy.

### Main Specifications

|                       |                                  |
|-----------------------|----------------------------------|
| Material              | ABS with Epoxy                   |
| Operating Temperature | -20°C to 65°C                    |
| IP Class              | IP67                             |
| Compliance            | RoHs & Reach, CE                 |
| Key Features          | Rough Environment, Heat Tolerant |
| Options               | Adhesive, Logo, Encoding         |



### Chip Specification (Chip 263)

|           |                           |
|-----------|---------------------------|
| Chip      | NXP - NTAG213             |
| Frequency | 13.56 MHz ( HF )          |
| Memory    | UID 7 Byte; User 144 Byte |
| Norm      | ISO/IEC 14443A & 18000-3  |

### Full Specifications

|                         |   |
|-------------------------|---|
| Product ID              | 1071  |
| Material                | ABS with Epoxy  |
| Shape                   | Potted  |
| Long Description        | The HF/NFC or LF RFID EPOXY (ABS) TAG integrate a wound copper coil inlay. The e-unit (chip+coil) is placed in the ABS housing shell and completely potted and closed with epoxy. |
| Key Features            | Rough Environment, Heat Tolerant  |
| Options                 | Adhesive, Logo, Encoding  |
| Article Type            | DISC TAG  |
| Color                   | Black   |
| Thickness [mm]          | 3.2   |
| Operating Temp °C (min) | -20   |
| Operating Temp °C (max) | 65  |
| Storage Temp °C (min)   | -20   |
| Storage Temp °C (max)   | 65  |

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

|                       |                  |
|-----------------------|------------------|
| IP Class              | IP67             |
| 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                           |
|----------------|--------------------|------|---------------|-------------------------------|
| 1071-01-152-00 | 25x3.2mm, 3mm hole | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible   |
| 1071-01-148-00 | 25x3.2mm, 3mm hole | LF   | ATA5577       | ISO/IEC 11784/85 Compatible   |
| 1071-01-113-00 | 25x3.2mm, 3mm hole | LF   | HITAG S 2048  | ISO/IEC 11784 & 11785 & 14223 |
| 1071-01-260-00 | 25x3.2mm, 3mm hole | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3       |
| 1071-01-263-00 | 25x3.2mm, 3mm hole | HF   | NTAG213       | ISO/IEC 14443A & 18000-3      |
| 1071-02-148-00 | 50x3.2mm, 4mm hole | LF   | ATA5577       | ISO/IEC 11784/85 Compatible   |
| 1071-02-113-00 | 50x3.2mm, 4mm hole | LF   | HITAG S 2048  | ISO/IEC 11784 & 11785 & 14223 |
| 1071-02-260-00 | 50x3.2mm, 4mm hole | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3       |
| 1071-02-263-00 | 50x3.2mm, 4mm hole | HF   | NTAG213       | ISO/IEC 14443A & 18000-3      |