

# Transponder

DISC TAG

PART ID:  
**1033-01-269-00**

TECTUS transponders endure severe conditions while protecting data integrity. These small, thin discs enable discreet placement in a broad range of applications.

Main Specifications

|                       |                                            |
|-----------------------|--------------------------------------------|
| Material              | PPS with Epoxy                             |
| Operating Temperature | -40°C to 90°C                              |
| IP Class              | IP68                                       |
| Compliance            | RoHs & Reach, CE                           |
| Key Features          | Small Size, Heat Tolerant, High Durability |
| Options               | Offset Print, Logo, Adhesive               |



Chip Specification (Chip 269)

|           |                  |
|-----------|------------------|
| Chip      | EM Marin - Vigo  |
| Frequency | 13.56 MHz ( HF ) |
| Memory    | 1024 bit         |
| Norm      | ISO 15693        |

Full Specifications

|                   |                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID        | 1033                                                                                                                                                              |
| Material          | PPS with Epoxy                                                                                                                                                    |
| Shape             | Potted                                                                                                                                                            |
| Short Description | TECTUS transponders endure severe conditions while protecting data integrity. These small, thin discs enable discreet placement in a broad range of applications. |
| Long Description  | TECTUS transponders endure severe conditions while protecting data integrity. These small, thin discs enable discreet placement in a broad range of applications. |
| Key Features      | Small Size, Heat Tolerant, High Durability                                                                                                                        |
| Options           | Offset Print, Logo, Adhesive                                                                                                                                      |
| Main Use          | Commercial Laundry                                                                                                                                                |
| Article Type      | DISC TAG                                                                                                                                                          |
| Color             | Black                                                                                                                                                             |
| Thickness [mm]    | 2                                                                                                                                                                 |
| Weight [g]        | 0.3                                                                                                                                                               |

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|                         |                  |
|-------------------------|------------------|
| Operating Temp °C (min) | -40              |
| Operating Temp °C (max) | 90               |
| Storage Temp °C (min)   | -40              |
| Storage Temp °C (max)   | 90               |
| IP Class                | IP68             |
| Chemical Resistance     | Not Specified    |
| Flame Resistance        | Not Specified    |
| Mechanical Resistance   | Not Specified    |
| Attachment Method       | Glue             |
| Compliance              | RoHs & Reach, CE |

## VARIANTS AND ICS

| ID             | Variant | Band | Type          | ISO                           |
|----------------|---------|------|---------------|-------------------------------|
| 1033-01-101-00 | D12x2mm | LF   | Q5            |                               |
| 1033-01-152-00 | D12x2mm | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible   |
| 1033-01-113-00 | D12x2mm | LF   | HITAG S 2048  | ISO/IEC 11784 & 11785 & 14223 |
| 1033-01-269-00 | D12x2mm | HF   | Vigo          | ISO 15693                     |