

# Pear Shape

## Transponder Keyfob

**PART ID:**  
**1013-05-152-00**

Pear Keyfob is famous for its 100% water tightness, an array of colors for selection, and sharp laser marking effect, making it more than just a keyfob.

### Main Specifications

|                       |   |
|-----------------------|---|
| Material              | Polyamid  |
| Operating Temperature | -25°C to 85°C   |
| IP Class              | IP68  |
| Compliance            | RoHs & Reach, CE  |
| Key Features          | 100% Water Tightness, Sharp Lasermarking Effect, Thin, Robust |
| Options               | Offset Print, Laser Engraving, Dual Frequency LF/HF           |



### 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        | 1013   |
| Name              | Pear Shape   |
| Material          | Polyamid   |
| Shape             | Overmolded   |
| Short Description | Pear Keyfob is famous for its 100% water tightness, an array of colors for selection, and sharp laser marking effect, making it more than just a keyfob. |
| Long Description  | Pear Keyfob is famous for its 100% water tightness, an array of colors for selection, and sharp laser marking effect, making it more than just a keyfob. |
| Key Features      | 100% Water Tightness, Sharp Lasermarking Effect, Thin, Robust  |
| Options           | Offset Print, Laser Engraving, Dual Frequency LF/HF  |
| Comments          | Dual Frequency Thickness 2.6mm   |
| Main Use          | Access Control   |

©TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use 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.

|                         |                  |
|-------------------------|------------------|
| Article Type            | Keyfob           |
| Length [mm]             | 45               |
| Width [mm]              | 30               |
| Thickness [mm]          | 2.2              |
| Weight [g]              | 3                |
| Operating Temp °C (min) | -25              |
| Operating Temp °C (max) | 85               |
| Storage Temp °C (min)   | -25              |
| Storage Temp °C (max)   | 85               |
| IP Class                | IP68             |
| Chemical Resistance     | Not Specified    |
| Flame Resistance        | Not Specified    |
| Mechanical Resistance   | Not Specified    |
| Attachment Method       | Key-Hanger       |
| Compliance              | RoHs & Reach, CE |

## VARIANTS AND ICS

| ID             | Variant | Band | Type                  | ISO                         |
|----------------|---------|------|-----------------------|-----------------------------|
| 1013-01-152-00 | Red     | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-01-368-00 | Red     | UHF  | Monza R6              | ISO 18000-6C / EPC Gen2 V2  |
| 1013-01-206-00 | Red     | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |
| 1013-02-152-00 | Yellow  | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-02-206-00 | Yellow  | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |
| 1013-02-368-00 | Yellow  | UHF  | Monza R6              | ISO 18000-6C / EPC Gen2 V2  |
| 1013-03-152-00 | Green   | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-03-368-00 | Green   | UHF  | Monza R6              | ISO 18000-6C / EPC Gen2 V2  |
| 1013-03-206-00 | Green   | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |
| 1013-04-152-00 | White   | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-04-368-00 | White   | UHF  | Monza R6              | ISO 18000-6C / EPC Gen2 V2  |
| 1013-04-206-00 | White   | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |
| 1013-05-152-00 | Blue    | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-05-206-00 | Blue    | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |
| 1013-06-152-00 | Black   | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-06-206-00 | Black   | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |
| 1013-07-152-00 | Purple  | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-07-206-00 | Purple  | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |
| 1013-08-152-00 | Orange  | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-08-368-00 | Orange  | UHF  | Monza R6              | ISO 18000-6C / EPC Gen2 V2  |
| 1013-08-206-00 | Orange  | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |

©TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use 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.

| ID             | Variant   | Band | Type                  | ISO                         |
|----------------|-----------|------|-----------------------|-----------------------------|
| 1013-09-152-00 | Grey      | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-09-206-00 | Grey      | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |
| 1013-10-152-00 | Navy Blue | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible |
| 1013-10-206-00 | Navy Blue | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3    |