# PLUG TAG

**Transponder**
**Special Form**

**PART ID:**
**1040**

Low frequency RFID Tags enable improved tracking of plastic waste bins and containers.



## Main Specifications

| | |
|---|---|
| Frequencies | **LF** HF UHF |
| Material | Polyamid |
| Operating Temperature | -20°C to 85°C |
| IP Class | IP68 |
| Compliance | RoHs & Reach, CE |
| Key Features | Small Size, Rough Environment, High Durability |

## Full Specifications

| | |
|---|---|
| Product ID | 1040 |
| Name | PLUG TAG |
| Material | Polyamid |
| Shape | Potted |
| Short Description | Low frequency RFID Tags enable improved tracking of plastic waste bins and containers. |
| Long Description | Plug Tag transponders enable the cost-effective tagging of plastic residential, commercial and industrial waste containers for tracking usage via RFID. Ridges around the shaft ensure that the RFID tag inserts easily, yet is locked securely into place to prevent tag loss or removal in the field. |
| Key Features | Small Size, Rough Environment, High Durability |
| Main Use | Waste Management |
| Article Type | Special Form |
| Color | Black |
| Diameter [mm] | 9 |
| Length [mm] | 19 |
| Weight [g] | 2 |
| Operating Temp °C (min) | -20 |

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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 (max) | 85 |
| Storage Temp °C (min) | -20 |
| Storage Temp °C (max) | 85 |
| IP Class | IP68 |
| Chemical Resistance | Not Specified |
| Flame Resistance | Not Specified |
| Mechanical Resistance | Not Specified |
| Attachment Method | Plug-in |
| Compliance | RoHs & Reach, CE |

## VARIANTS AND ICS

| ID | Variant | Band | Type | ISO |
|---|---|---|---|---|
| 1040-01-152-00 | 19x9mm | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 1040-02-153-00 | 19x9mm BDE | LF | EM4305 | ISO/IEC 11784/85 Compatible |

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