

Clear

Transponder

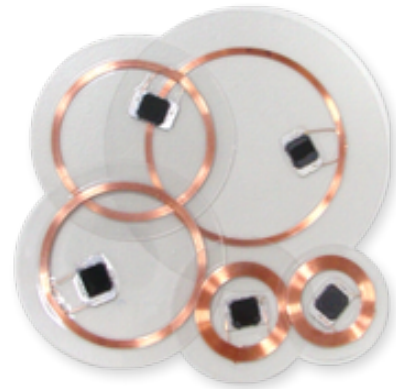
DISC TAG

PART ID:
1011-02-104-00

Clear Disc Tag, coil antenna being packaged inside PET sheets, is a primitive form factor for tagging. It can also go with or without an adhesive backing.

Main Specifications

| | |
|-----------------------|---------------------------------------|
| Material | PET |
| Operating Temperature | -25°C to 55°C |
| IP Class | IP65 |
| Compliance | RoHs & Reach, CE |
| Key Features | Ultra Thin, Versatile, Cost-Effective |
| Options | Adhesive |



Chip Specification (Chip 104)

| | |
|-----------|---------------------------|
| Chip | NXP - HITAG 1 |
| Frequency | 125 kHz (LF) |
| Memory | UID 4 Byte; User 2048 Bit |
| Norm | ISO/IEC 11784 & 11785 |

Full Specifications

| | |
|-------------------|--|
| Product ID | 1011 |
| Name | Clear |
| Material | PET |
| Shape | Laminated |
| Short Description | Clear Disc Tag, coil antenna being packaged inside PET sheets, is a primitive form factor for tagging. It can also go with or without an adhesive backing. |
| Long Description | Clear Disc Tag, coil antenna being packaged inside PET sheets, is a primitive form factor for tagging. It can also go with or without an adhesive backing. |
| Key Features | Ultra Thin, Versatile, Cost-Effective |
| Options | Adhesive |
| Main Use | Embeddable RFID |
| Article Type | DISC TAG |
| Color | Transparent |

®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.

| | |
|-------------------------|------------------|
| Thickness [mm] | 0.6 |
| Operating Temp °C (min) | -25 |
| Operating Temp °C (max) | 55 |
| Storage Temp °C (min) | -15 |
| Storage Temp °C (max) | 75 |
| IP Class | IP65 |
| Chemical Resistance | Not Specified |
| Flame Resistance | Not Specified |
| Mechanical Resistance | Not Specified |
| Attachment Method | Embed |
| Compliance | RoHs & Reach, CE |

VARIANTS AND ICS

| ID | Variant | Band | Type | ISO |
|----------------|-----------|------|---------------|-------------------------------|
| 1011-01-152-00 | D20x0.6mm | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 1011-01-104-00 | D20x0.6mm | LF | HITAG 1 | ISO/IEC 11784 & 11785 |
| 1011-01-113-00 | D20x0.6mm | LF | HITAG S 2048 | ISO/IEC 11784 & 11785 & 14223 |
| 1011-01-260-00 | D20x0.6mm | HF | ICODE SLIX | ISO/IEC 15693 & 18000-3 |
| 1011-02-152-00 | D25x0.6mm | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 1011-02-104-00 | D25x0.6mm | LF | HITAG 1 | ISO/IEC 11784 & 11785 |
| 1011-02-105-00 | D25x0.6mm | LF | HITAG 2 | ISO/IEC 11784 & 11785 |
| 1011-03-152-00 | D30x0.6mm | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 1011-03-112-00 | D30x0.6mm | LF | HITAG S 256 | ISO/IEC 11784 & 11785 & 14223 |
| 1011-03-260-00 | D30x0.6mm | HF | ICODE SLIX | ISO/IEC 15693 & 18000-3 |
| 1011-05-112-00 | D50x0.6mm | LF | HITAG S 256 | ISO/IEC 11784 & 11785 & 14223 |
| 1011-05-152-00 | D50x0.6mm | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |