# Transponder

**ISO Card**

**PART ID:**

## 1055

These cards combine innovative printing and radio frequency identification (RFID) technologies with industry-leading knowledge in the production of secure identity components and solutions. Proven processes and automated manufacturing ensure efficient and cost-effective production of high quality cards. ISO cards are used in billions around the world, ranging from simple, non-technology printed loyalty cards to highly secure access control, payment or citizen ID cards. ISO 7816 Compliant



### Main Specifications

| | |
|---|---|
| Frequencies | **LF HF UHF** |
| Material | PVC+PETF |
| Operating Temperature | -35°C to 70°C |
| IP Class | IP68 |
| Compliance | RoHs & Reach, CE |
| Key Features | High Quality Card, High-Resolution Print, Cost-Effective, Heat Tolerant |
| Options | Laser Engraving, Logo, UID Printing, Dual Frequency On Request |

## Full Specifications

| | |
|---|---|
| Product ID | 1055 |
| Material | PVC+PETF |
| Shape | Laminated |
| Long Description | These cards combine innovative printing and radio frequency identification (RFID) technologies with industry-leading knowledge in the production of secure identity components and solutions. Proven processes and automated manufacturing ensure efficient and cost-effective production of high quality cards. ISO cards are used in billions around the world, ranging from simple, non-technology printed loyalty cards to highly secure access control, payment or citizen ID cards. ISO 7816 Compliant |
| Key Features | High Quality Card, High-Resolution Print, Cost-Effective, Heat Tolerant |
| Options | Laser Engraving, Logo, UID Printing, Dual Frequency On Request |
| Comments | Magnet Stripes: HiCo: 2750o.e. / 4000o.e. (3600o.e.) LoCo: 300o.e. / 650o.e. |
| Main Use | Access Control |
| Article Type | ISO Card |
| Color | White |

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



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| | |
|---|---|
| Length [mm] | 85.6 |
| Width [mm] | 54 |
| Thickness [mm] | 0.8 |
| Weight [g] | 6 |
| Operating Temp °C (min) | -35 |
| Operating Temp °C (max) | 70 |
| Storage Temp °C (min) | -40 |
| Storage Temp °C (max) | 100 |
| IP Class | IP68 |
| Chemical Resistance | Not Specified |
| Flame Resistance | Not Specified |
| Mechanical Resistance | Not Specified |
| Attachment Method | Card Holder |
| Compliance | RoHs & Reach, CE |

## VARIANTS AND ICS

| ID | Variant | Band | Type | ISO |
|---|---|---|---|---|
| 1055-01-152-00 | ISO Card | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 1055-01-206-00 | ISO Card | HF | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3 |
| 1055-01-260-00 | ISO Card | HF | ICODE SLIX | ISO/IEC 15693 & 18000-3 |
| 1055-01-349-00 | ISO Card | UHF | Higgs 3 | ISO 18000-6C / EPC Gen2 V2 |

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