

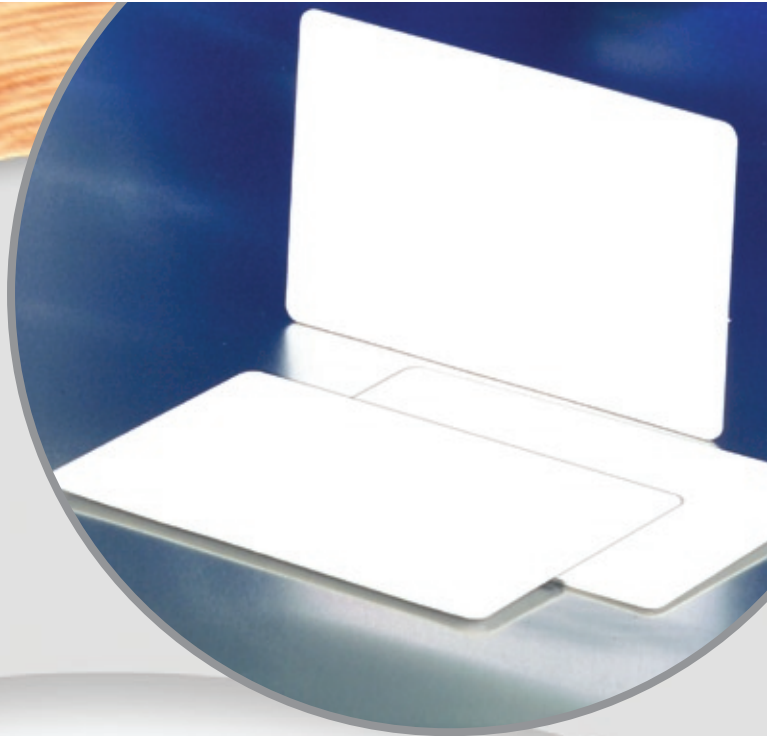
Product Information



RFID Solutions

High Temperature Card

Glossy ISO dimension plastic card containing a RFID module and antenna



MECHANICAL DIMENSIONS

	Single frequency	Dual frequency
Dimension (LxW)	▶ 86 mm x 54 mm	▶ 86 mm x 54 mm
Thickness	▶ 0.8 mm ± 0.04 mm	▶ 0.9 mm ± 0.03 mm

CHIP TYPE

- ▶ EM series, Atmel series, NXP series, Infineon series, Alien Technology series

ELECTRICAL

LF operating frequency	▶ 125 kHz* ± 6 kHz
HF operating frequency	▶ 13.56 MHz Reader Standard (ISO/IEC 15693, ISO/IEC 14443)
UHF operating frequency	▶ 860 – 960 MHz Reader Standard (EPC Class 1 Gen 2 / ISO 18000-6C)

TEMPERATURE

Storage	▶ -25°C to +90°C
Operating	▶ -25°C to +65°C

MATERIAL

- ▶ Copper wire antenna and module in laminated PETG
- ▶ Enclosure rating: IP67

OPTIONS

- ▶ Code printing, overlay, card printing, laser engraving
- ▶ Matt surface, glossy surface

TYPE NUMBER

- ▶ ISC-XX (Thin Card, XX denotes IC)

SES RFID SOLUTIONS

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*frequency adjustment 100kHz – 150kHz

Specification is subject to change without notice. Version 2009