

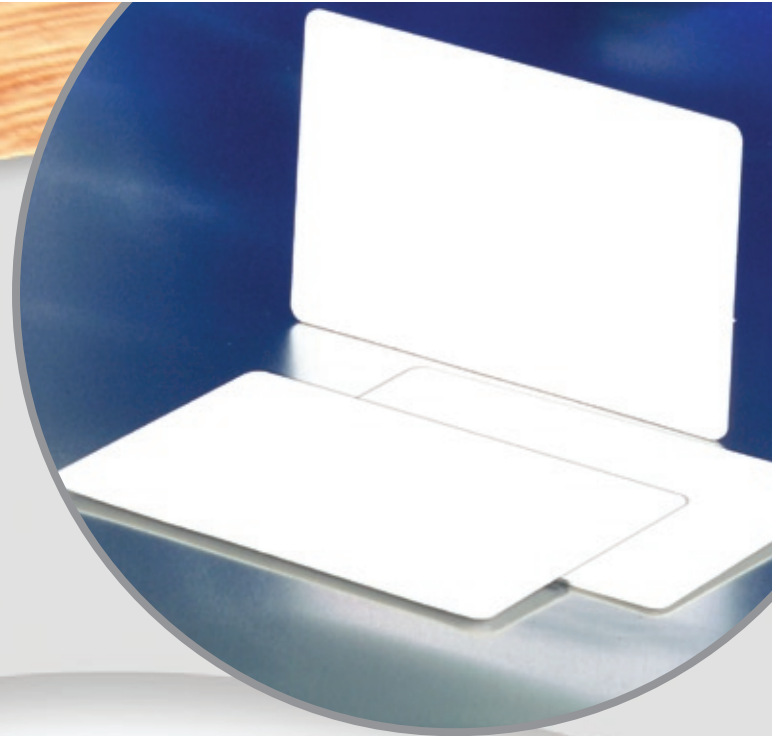
Product Information



RFID Solutions

Thermal Rewriteable ISO Card

ISO dimension plastic card containing a RFID module and antenna with rewriteable film or rewriteable overlay.



MECHANICAL DIMENSIONS

Dimension	▶ 54mm x 86mm
Thickness	▶ 0.8mm ± 0.04mm

CHIP TYPE

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

ELECTRICAL

LF operating frequency	▶ 125 kHz* ± 6kHz
HF operating frequency	▶ 13.56MHz 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 +65°C
Operating	▶ 25°C to +65°C
Thermorewriteable printing	▶ 150°C ~ 170°C
Thermorewriteable erasing	▶ 120°C

MATERIAL

- ▶ Copper wire antenna and module in laminated high heat PETG with Rewriteable Film (TRG2P5135WA).
- ▶ Pixel colour: blue or rewriteable overlay (TRG533T2A)
- ▶ Enclosure rating: IP67

OPTIONS

- ▶ Film (TRG2P5135WA) pixel colour: black
- ▶ Code printing, Card printing, Laser engraving

TYPE NUMBER

- ▶ ISC-XX-TRW (XX denotes chip type)

SES RFID SOLUTIONS

Angermunder Straße 19 · 40489 Düsseldorf · Germany
Telephone +49 203 729 7101 · Fax +49 203 738 49912
sales@sesrfid.com · www.sesrfid.com

*frequency adjustment 100kHz – 150kHz

Specification is subject to change without notice. Version 2009