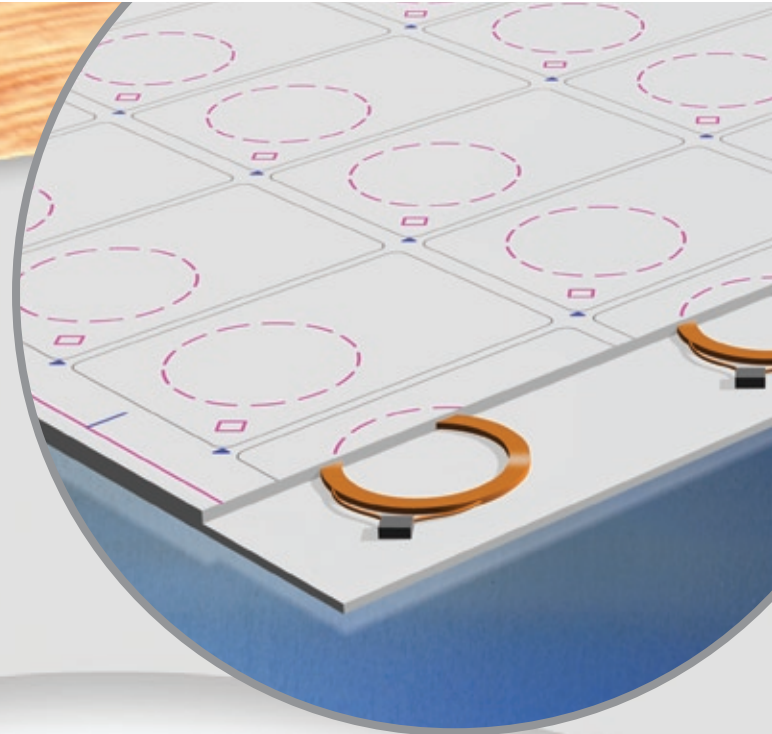


Product Information

SES RFID Solutions

Pre-laminated Inlay

Laminated PVC or PETG sheet containing a RFID module and antenna



MECHANICAL DIMENSIONS

LF operating frequency (125 kHz)

HF operating frequency (13.56 MHz)

Sheet size

▶ Maximum 395 mm x 495 mm

▶ Maximum 655 mm x 550 mm

Thickness

▶ 0.56 mm ± 0.05 mm*

▶ 0.48 mm ± 0.05 mm*

CHIP TYPE

▶ EM series, Atmel series, NXP series, Infineon series

ELECTRICAL

LF operating frequency

▶ 125 kHz** ± 6kHz

HF operating frequency

▶ 13.56 MHz Reader Standard (ISO/IEC 15693, ISO/IEC 14443)

VICAT

PVC

PETG

▶ Vicat 72°C

▶ Vicat 60°C

MATERIAL

▶ Copper wire antenna and module with white matt PVC or PETG sheet

OPTIONS

- ▶ 0.48 mm thickness for 125 kHz
- ▶ < 0.48 mm thickness for 13.56 MHz
- ▶ Oval or round antenna
- ▶ Customer specific layout

TYPE NUMBER

▶ PLM-XX (Pre-laminated Inlay, XX denotes IC)

SES RFID SOLUTIONS

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*module area and blank area has a ≤0.05 mm thickness difference.
**frequency adjustment 100 kHz ~ 150 kHz

Specification is subject to change without notice. Version 2009