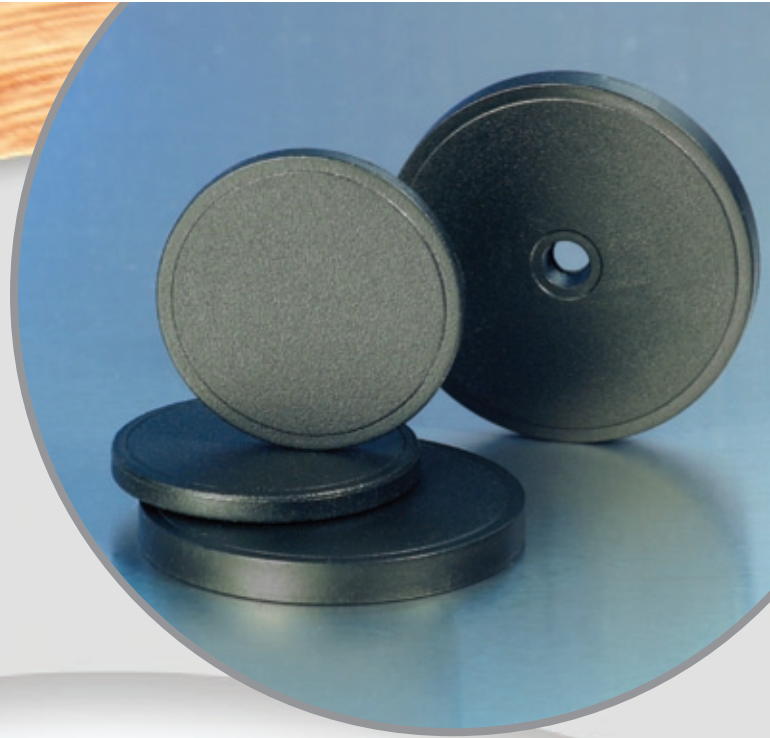


Product Information

SES RFID Solutions

Tag

ABS tag containing a RFID module and antenna



MECHANICAL DIMENSIONS

Diameter	▶ 12 mm ± 0.3 mm	▶ 20 mm ± 0.2 mm	▶ 25 mm ± 0.2 mm	▶ 30 mm ± 0.2 mm
Hole	—	—	▶ 3 mm ± 0.2 mm	▶ 3 mm ± 0.2 mm
Thickness	▶ 2.2 mm ± 0.3 mm	▶ 2.2 mm ± 0.3 mm	▶ 3 mm ± 0.3 mm	▶ 2.2 mm ± 0.3 mm

CHIP TYPE

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

ELECTRICAL

LF operating frequency	▶ 125 kHz* ± 6 kHz
HF operating frequency	▶ 13.56 MHz Reader Standard (ISO/IEC 15693, ISO/IEC 14443)

TEMPERATURE

	ABS	PC
Storage	▶ -25°C to +75°C	▶ -25°C to +115°C
Operating	▶ -25°C to +75°C	▶ -25°C to +75°C

MATERIAL

- ▶ ABS (12mm diameter uses polycarbonate housing)
- ▶ Copper wire antenna and module
- ▶ Enclosure rating: IP67

OPTIONS

- ▶ Polycarbonate housing
- ▶ Code printing colour: blue or white
- ▶ 1 side logo printing, adhesive backing, laser engraving

TYPE NUMBER

- ▶ TAG-XX (Tag, XX denotes IC)

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*frequency adjustment 100kHz – 150kHz
Specification is subject to change without notice. Version 2009