

Key Chain

Elan strives to offer high quality, durable key chains at lowest cost for access control and payment application. The key chains are available in various shapes and colors, and optionally with metal key rings. For customer with orders larger than 50k customized colors can be arranged.



Chip Type:

- 125kHz Read-only with 64 bit unique ID (Manchester coding)
- MIFARE® MF1 S50 with 1K byte EEPROM
- Temic t5557 with 256 bit read-write memory

Physical:

- Material: ABS

Electrical:

- Operating frequency: 125 kHz (± 6 kHz) or 13.56MHz

Mechanical:

- All Elan key chains are designed to resist stress known from access control applications.

Thermal:

- Operating temperature: -20°C to +50°C

Optional:

- Metal key ring
- Logo stamp for O-key
- Customized colors for orders larger than 50k

Part Number:

- EM-KCH-icL-tx
 - ic = 01 for 125kHz read-only, S5 for MIFARE® 1K, T7 for T5557
 - t = Q for Q-key, O for O-key, V for V-key, I for I-key
 - x = optional R for metal key ring
- Special part numbers are provided for orders with customized products



Q-Key



O-Key



V-Key



I-Key

This specification is subject to change without prior notice. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Disclaimer: Elan Microelectronic Corporation's products are not authorized to use as critical components in life support devices or systems where product failure may lead to injury, death, environmental or property damage. Liability for use in such applications is the responsibility of the system designers. Malfunctioning tags will be replaced if the failure occurred before attaching to the object carrier.