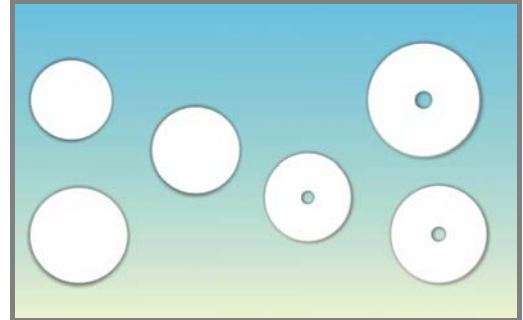


## Coin Tag 125kHz read-only

The Coin Tag is a contactless 125 kHz read-only RFID (Radio Frequency Identification) transponder designed and developed by Elan group. With a rigid encapsulation, this tag can be easily pasted or fixed to the tracked objects and safely removed after the use if necessary. Coin tag is available in different sizes and with glossy or rough surface.



### Chip Type:

- 125kHz Read-only with 64 bit unique ID (Manchester coding)

### Physical:

- Dimension: 25 mm, 27mm, 30mm, 35mm
- Thickness: 0.8 mm (or thicker on request)
- Material: PVC, white, glossy or rough

### Electrical:

- Operating frequency: 125 kHz ( $\pm 6$  kHz)

### Thermal:

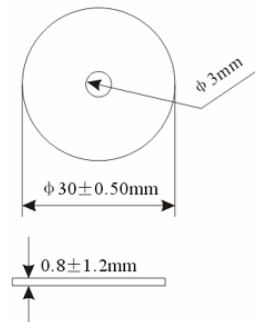
- Operating temperature:  $-20^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$

### Optional:

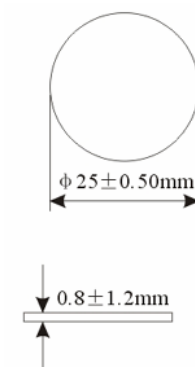
- Rough surface for easy gluing
- Possible to integrate 13.56MHz technology such as i-code 2 or MIFARE® 1K

### Part Number:

- EM-COT-01L-dis
  - di= 25, 27, 30 or 35 according to the tag dimensions
  - s=G for glossy, R for rough surface



**30 mm Coin Tag with a middle hole**



**25 mm Coin Tag**

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.