

# PREMOTAG SMD 13.56MHz

## Tag-on-metal

PREMO RFID Components PREMOTAG provides a reliable solution in HF band radio frequency identification field (13.56 MHz - ISM license free). Its design is optimized for metallic objects identification.

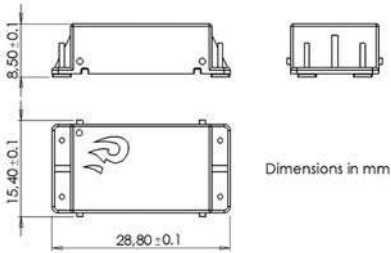
The small size is obtained due its special ferrite core (instead of air coil) that provides higher sensitivity to magnetic field of the reader antenna.

Its SMD configuration allow an easy way to achieve traceability of printed circuit boards in industrial processes.

The chip inside is NXP ICODE SLI (others under request).

### Typical applications

- Industrial traceability.
- PCB traceability.



### Frequency of operation

- 13.56 MHz.

### Dimensions (mm) and weight

- 28.80 x 15.40 x 8.50 (l<sub>x</sub>w<sub>x</sub>h).
- 6 gr.

### Protocol and memory

- ISO 15693 (ISO18000-3 air interface).
- Anticollision.
- 1Kb of memory (ICODE).

### Mounting methods

- SMD (Surface Mount Device).

### Enclosure material

- PPS.

### Read Range Performance (2W ERP)

- 25-30 cm<sup>1</sup>.

### Operation temperature

- -20°C to +70°C.

### Environmental and safety information

- RoHS compliant.
- UL94 V-0 flame-resistant.

<sup>1</sup> With 4W of output power reader and depending on environmental factors.