



# MicroProx<sup>®</sup> Tag

## LOW FREQUENCY PROXIMITY TAG WITH ADHESIVE BACK



Sample placement shown - actual placement will depend on application. Due to variations in cards and reading devices, HID does not claim that the MicroProx<sup>®</sup> Tag will work in every situation. Functional and non-functional MicroProx Tags are available for compatibility testing with existing credential and reader technologies. Compatibility should be confirmed prior to ordering. The tag is not compatible with the majority of mobile phones, for adhesive tags relevant for mobile phones, please contact your HID representative.

- **Proven, Reliable Technology** – Offers extremely consistent read range. Unaffected by body shielding or variable environmental conditions, even when close to keys and coins.
- **Long Life** – Passive, no-battery design allows for an infinite number of reads.
- **Radio frequency proximity support** – Includes read/write identification using 125 kHz contactless technology for support in existing RFID deployments.

The MicroProx<sup>®</sup> Tag provides the convenience of HID's proximity technology in a small disk-shaped transponder. This versatile credential allows for seamless upgrades from Wiegand, magnetic stripe or barium ferrite technologies. Simply attach the adhesive-backed MicroProxTag to any nonmetallic card or device, and you instantly have a proximity card!

MicroProx incorporates 125 KHz contactless technology — which supports HID Prox, Indala and EM Proximity for increased interoperability with existing Proximity readers.

As a cost-effective tag, this credential turns your plastic ID badge or contact smart card into a proximity enabled device. Experience the convenience of proximity technology without the expense of card re-badging.

## Features

- Offers consistent read range and reliable operation.
- The size of a coin, the Tag easily attaches to all nonmetallic materials.
- The Tag can be programmed in any HID proximity format, and is compatible with all HID proximity readers.
- The Tag is RF-programmable for ease of encoding with HID's ProxProgrammer®.

## SPECIFICATIONS

|                                                    |                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Base Part Number</b>                            | 1391                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>                                 | RF programmable, 125 kHz, customer specified numbers.                                                                                                                                                                                                                                                                                       |
| <b>Card Construction</b>                           | Lexan                                                                                                                                                                                                                                                                                                                                       |
| <b>Dimensions</b>                                  | Diameter: 1.285" (3.264 cm)<br>Thickness: 0.070" (0.178 cm)                                                                                                                                                                                                                                                                                 |
| <b>Weight</b>                                      | 0.04 oz (1.18 g)                                                                                                                                                                                                                                                                                                                            |
| <b>Operating Temperature</b>                       | -50° to 160° F (-45° to 70° C)                                                                                                                                                                                                                                                                                                              |
| <b>Operating Frequency</b>                         | 125 kHz                                                                                                                                                                                                                                                                                                                                     |
| <b>Data Storage</b>                                | Up to 84 bits (Over 1.9 x 10 <sup>25</sup> codes)                                                                                                                                                                                                                                                                                           |
| <b>Typical Maximum Read Range with HID Readers</b> | ProxPoint® Plus reader up to 2.0" (5.1 cm)<br>MiniProx® reader up to 2.25" (5.7 cm)<br>ThinLine® II reader up to 2.5" (6.4 cm)<br>Prox80™ reader up to 2.25" (5.7 cm)<br>ProxPro® II reader up to 3.5" (8.9 cm)<br>ProxPro® reader up to 4" (10.2 cm)<br>MaxiProx® reader up to 15" (38 cm)<br>*Depending on local installation conditions. |
| <b>Warranty</b>                                    | Lifetime warranty. See complete warranty policy for details.                                                                                                                                                                                                                                                                                |

(Please see "How to Order Guide" for a description of the options and associated part numbers.)

