

Product Overview

The Sontec P1 uses a special ceramic substrate for super stable performance and ABS encapsulation for durability. The P1 tag is available in several colors which can be attractive in certain applications.

Specifications

Dimensions – 2.99x0.59x0.22 in (76x15x5.5 mm)

Communication Protocol – EPC Class 1 Gen 2 / ISO 18000-6C

Frequency Range – 840-960 MHz

Integrated Circuit (IC) / Memory

- Higgs2 – 96 Bits

Materials – Ceramic with ABS housing

Environmental Durability

- Operating Temperature: -22°F -185°F (-30°C – 85°C)
- Application Temperature: -40°F – 302°F (-40°C – 150°C)
- Application Temp. with Housing: -40°F – 176°F (-40°C – 80°C)

Mounting / Attachment – Mechanical or Adhesive

Performance *(as stated by manufacturer)*

- Read Range – over 3.3' by Handheld; over 13.1' by Fixed Reader

Options

- Custom labeling (Barcode, Data Matrix, Human Readable) and encoding services available



Note: Tag performance and durability will vary based on RFID hardware configuration and other environmental conditions. Customers should evaluate tags for application suitability before committing to large order quantities.

For More information on these and our ever increasing selection of standards based passive RFID tags contact:

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