

### Product Overview

The Sontec High Temperature On-Metal Tag combines high temperature capabilities with a small size and very low profile. Made using specialized materials, these tags make it an excellent choice for applications where temperature resistance and a short read distance are desirable.

### Specifications

Dimensions – 0.75 x 0.95 x 0.15 inches (19 x 24 x 4.4 mm)

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

Frequency Range – 840-960 MHz

Integrated Circuit (IC) / Memory

- Monza2 – 96 bits

Materials – Ceramic

Environmental Durability

- Operating Temperature: -22°F - 185°F (-30°C - 85°C)
- Application Temperature: -40°F – 446°F (-40°C – 230°C)
- Application Temp. with Housing: -40°F – 446°F (-40°C – 230°C)
- Impact Resistance – Good

Mounting / Attachment – Adhesive

Performance (*using Motorola MC9090G hand-held unit in asset management scenario*)

- Read Range – 3 feet (1 meters)
- Orientation Sensitivity – linear; performs best at 90 degrees to hand-held linear antenna

Options

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



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*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.*

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

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