

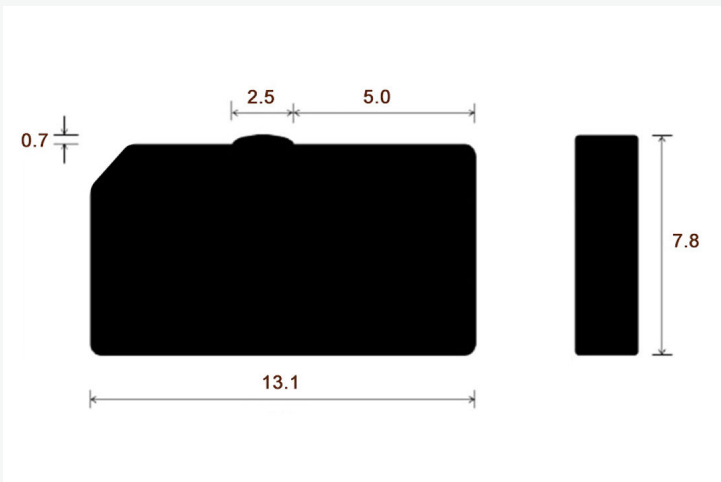
[Products] you can identify with



Physical Specifications

Material	Painted Black
Size	13.1 x 7.8 x 3.1 IC bump +/-0.5 mm, 0.52 x 0.31 x 0.12 including IC bump +/-0.02 in
Weight (g)	1.64 (EU) 1.6 (US)
Attachment	Film Adhesive (optional) for placement only in applications exceeding +85°C

Dimensions



Measurements shown in mm

Fit 400 HT

The Fit 400 is a small form factor, High Temperature RFID tag capable of surviving cycling applications with temperatures to 225°C. Don't sacrifice performance for size. With up to a 5.3 meter read range, the Fit 400 is the perfect solution when space is limited, but performance is demanded.

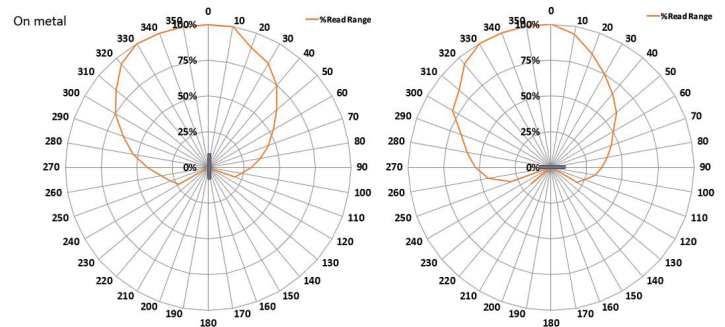


RF Specifications

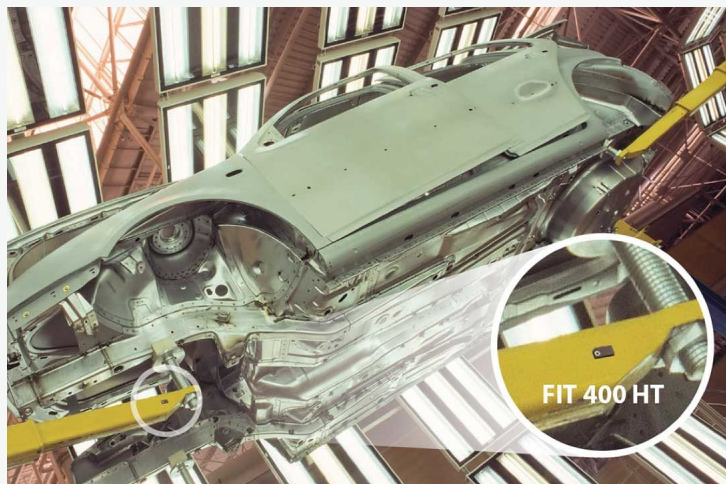
Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 5.3m (17.3 feet)
Read Range – Handheld Reader	Up to 2.7m (8.8 feet)
On Metal or Balanced	Optimized for metal
Material Compatibility	Metal
IC Type (Chip)	Monza R6-P
Memory	EPC - 128 (96) bits User - 32 (64) bits Unique TID - 48 bits

Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware, output power and environment. EPC and User memory are reprogrammable, UTID is locked at point of manufacture by IC manufacturer.

Radiation Patterns



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With its small form, high temperature capability and high performance, the Omni-ID Fit 400 tags are ideally suited to tracking small metal assets such as:

- Metal hand tools
- Embedding into metal components
- Metal IT assets including covert tracking
- Autoclaves and high temperature sterilizations

Certifications

CE, RoHS, Ex, ATEX/IECEX certified (option), US&Canada (C1D1/D2) certified (option)



Environmental Specifications

Operating Temperature	-20°C to +85°C
Max Temperature Exposure	-20°C to +225°C
IP Rating	IP68

Ordering Information

Warranty	1 year
Part Number / Order Codes / Order Numbers	<p>CP16358 - Fit 400HT - EU - No adhesive</p> <p>CP16360 - Fit 400HT - EU - With adhesive</p> <p>CP16359 - Fit 400HT - US - No adhesive</p> <p>CP16361 - Fit 400HT - US - With adhesive</p>