

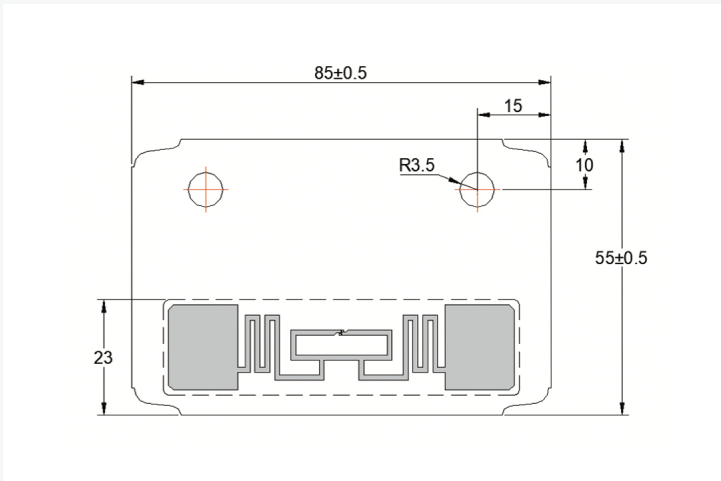
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Physical Specifications

Material	High temperature synthetic label
Size	85 x 55 x 0.49 +/- 0.5 mm 3.35 2.17 x 0.02 +/- 0.02 in
Weight (g)	1.5
Attachment	Holes provided for mechanical attachment

Dimensions



Measurements shown in mm

IQ 800P HT

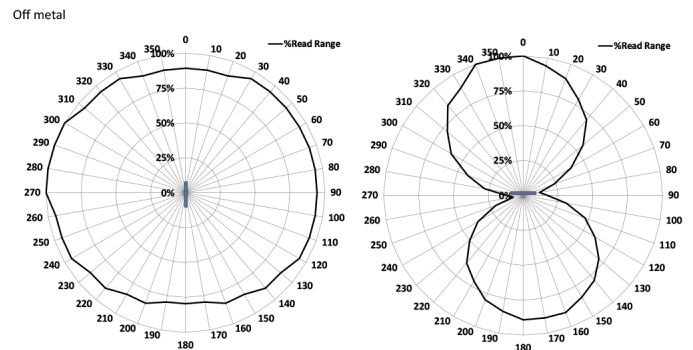
Omni-ID IQ 800P HT is a high temperature, synthetic RFID hang tag ideally suited for single use applications and capable of surviving temperatures up to 230oC. Designed with global frequency, the IQ 800P HT optimizes performance in applications where the inlay of the tag hangs away from the metallic asset.

RF Specification

Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	860 – 960 MHz (Global)
Read Range – Fixed Reader	Up to 12.0m (39.4 feet)
Read Range – Handheld Reader	Up to 6.0m (19.7 feet)
On Metal or Balanced	Plastic and non-metallic substrates
Material Compatibility	Plastic
IC Type (Chip)	Impinj-M730
Memory	EPC - 128 bits User - 0 bits Unique TID - 48 bits

Quoted performance achieved using standard testing methodology. Read range is dependent on multiple factors such as; RFID reader transmit power and receiver sensitivity, asset material and environment.
EPC is reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

Radiation Patterns



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With its high temperature capability, premium materials, and global frequency, the Omni-ID IQ 800P HT tags are ideally suited to:

- Manufacturing
- Electronics
- Automotive paint processes

Environmental Specifications

Operating Temperature	-40°C to +85°C
Max Temperature Exposure	-40°C to +230°C
IP Rating	IP68
Shock & Vibration Tolerance	MIL-STD-810 G

Certifications

CE, RoHS



Ordering Information

Warranty	1 year	
Part Number / Order Codes / Order Numbers	CP13445	
Supply Format	1,020 labels	
Minimum Order Quantity	Standard Label	1,020 labels (1 roll) Tags supplied on a liner for printing and ease of handling purposes

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Visit omni-id.com to learn more about the complete line of **Omni-ID RFID** products