

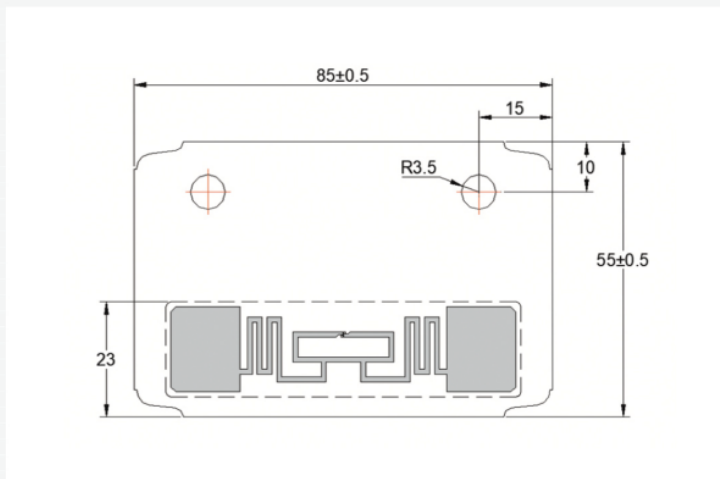
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Physical Specifications

Material	High temperature synthetic label
Size	85 x 55 x 0.49 +/- 0.5 mm, 3.35 x 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 230°C. 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 Specifications

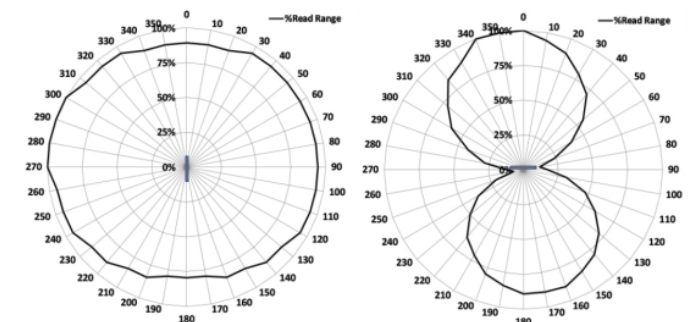
Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	860 – 960 MHz (Global)
Read Range – Fixed Reader	Up to 12.0m (39.4 feet)
Read Range – Handheld Reader	Up to 6.0m (19.7 feet)
On Metal or Balanced	Plastic and non-metallic substrates
Material Compatibility	Plastic
IC Type (Chip)	Impinj-M730
Memory	EPC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

Off metal



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Certifications

CE, RoHS



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

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