

[Products] you can identify with



IQ 800P HT

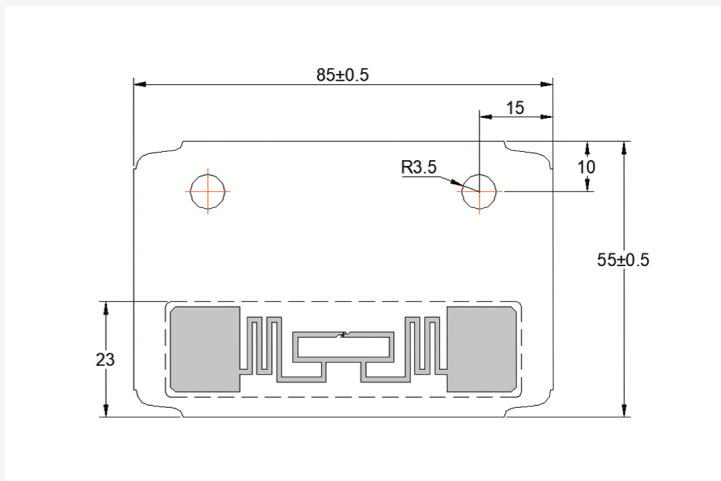
Omni-ID IQ 800P HT is a high temperature, synthetic RFID hang tag ideally suited for single use applications and capable of surviving temperatures up to 230oC. Designed with global frequency, the IQ 800P HT optimizes performance in applications where the inlay of the tag hangs away from the metallic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

Applications

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

- Manufacturing
- Automotive paint processes
- Electronics

Dimensions

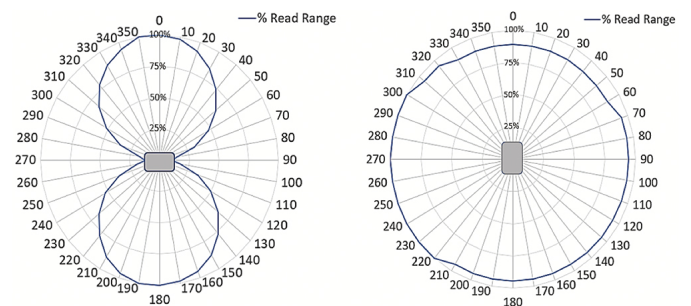


Physical Specifications

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

Radiation Patterns

Off Metal



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



Operational Specifications

Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	860 – 960 MHz (Global)
Read Range – Fixed Reader	8m (26.2 feet)
Read Range – Handheld Reader	Up to 5m (16.5 feet)
Material Compatibility	Plastic
IC Type (Chip)	Alien Higgs 3
Memory	EPC - 96 bits User - 512 bits Unique TID - 64 bits

Ordering Information

Warranty	1 year	
Product Options	:303 (Customization) :304 (ATEX/IECEX certified) :307 (US & Canada [C1D1/D2 certified]) :701 (Standard Service Bureau) (Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware and output power.	
Part Number / Order Codes / Order Numbers	165 – Global	
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