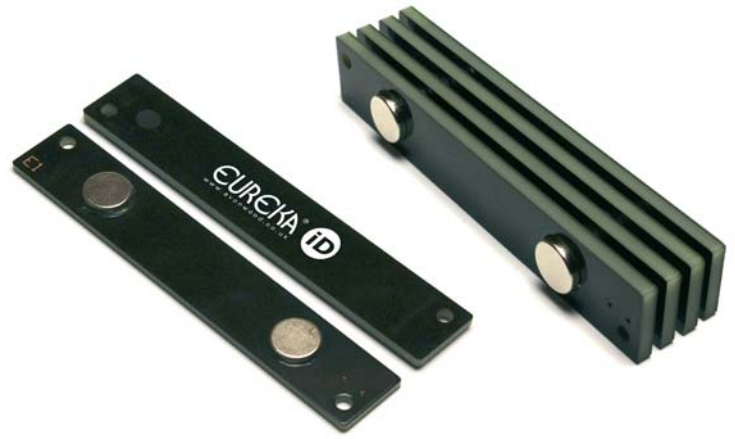


Product Data Sheet



Eureka® RMT 92M - UHF RFID Rugged Metal Tag (Magnetic)

Eureka® RMT 92M

The Eureka® RMT92M is a highly durable magnetic UHF RFID tag for use on metal.

The tag can be applied to assets in the harsh environments including high and low temperatures, mechanical shock and chemical stress.

The Eureka® RMT92M RFID tags are mainly used for internal logistics and many work-in-process (WIP) applications such as those found in automotive & aerospace manufacturing.

The Eureka® RMT92M tag will last a very long time. 2 magnets allow the tag to be temporarily fixed to metallic items and reused time and time again providing a simple and cost effective tagging solution.

Applications Include:

- Work in Process
- Tray & Container Tracking
- Part Identification



Tag

RF Frequency	UHF (EU)
Protocol	EPC Class 1 Gen 2
Chip Spec	Alien Higgs 3
Memory EPC	96 bits (up to 480)
User	512bits
Unique TID	64 bits
Password	32 bits
Kill	32 bits
Total	800 bits

Read - Fixed Reader* (2W ERP)

On Metal	Up to 4.0m
Off Metal	-

Read - Handheld Reader (500mW ERP)

On Metal	Up to 1.4m
Off Metal	-

Physical

Dimensions Size	92mm x 15.8mm x 5.2mm
Hole Diameter	4mm
Form Factor	On Metal Tag (FR4)

Environmental

Temperature	-45°C to 200°C
IP Classification (Ingression)	IP68
Humidity	85°C/95% RH
Thermal Cycling	Between -45°C & 85°C
High Temperature Oil	@200°C (6 Hours)

Services

Labels	Waterproof Polysynthetic 4 Colours 1D or 2D Barcode
Laser Marking	1D or 2D Barcode
Chip Programming	HEXA or ASCII Code

Eureka® RMT92M (UHF RFID Rugged Metal Tag)

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