Product Specifications

RF GENIE

UHF Megatron Tag

Features

- Operates effectively with a very good read range when attached On/Off to metal surfaces
- Rugged construction for high durability
- Can be attached by screws with the help of two holes
- Flexible Read/Write Range (reader dependent)

Applications

With innovative construction and customized printing compatibility, the Megatron Tag is ideal for applications such as:

- Manufacturing
- Logistics
- Automotive
- Trolley/ Pallet Tracking
- Asset Tracking

Physical

Size (L X W X H) in MM	91.5 x 24 x 11 (Hole Dia: 4.0)
Size (L X W X H) in Inch	3.6 x 0.9 x 0.4 (Hole Dia: .15)
Operating Temperature	-40˚C to +80˚C
Storage Temperature	-40˚C to +80˚C
IP Rating	IP 67
Weight	12.00 g
Material	ABS
Color	Grey
Attachment	With Foam Adhesive Revit or Magnet

Electrical

Protocol	EPC Class 1 Gen 2
Operating Mode	UHF Passive
Operating Frequency	ETSI: 865-868MHz FCC: 902-928MHz (Available on request)
IC Type	NXP UCode 8
Memory	TID : 96 bits EPC : 128 bits User : N/A
Data retention	50 years
Write endurance	100,000 cycles
Read Range*	On Metal: • Up to 8 M on Fixed Reader • Up to 4.5 M on Handheld Reader OFF Metal: • Up to 10M on Fixed Reader • Up to 5M on Handheld Reader

* Read Range is based on ERP of reader antenna

Customization Options

Encoding	Serialized or Variable
Printing	Barcode, QR Code, Logo Etc.
Laser Engraving	Barcode, QR Code, Logo Etc.
Adhesive	Foam Adhesive
IC	Various Options Available, Depending upon requirement
Versions	1. Mount on Metal 2. Free Air

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