



Description & Features

UHF Streak tag is EPC class 1 Gen2 passive RFID Tag. Its sleek design gives flexibility to track and identify non metallic objects with superior read range. It can be customize with different IC variants and memory area depending on requirement.



UHF STREAK TAG (Part No. : 31EGN9403)

www.mesontags.com

Electrical Characteristics

Communication ISO Protocol	ISO/IEC 18000-6C, EPC Class – 1 Gen2
Operating Frequency band	865 MHz or 915 MHz
Chip type	Alien Higgs-3 (Other upon request)
Memory Organization	<ul style="list-style-type: none"> • EPC–96 bits, extendible to 480bits • TID – 96 bits unalterable &unique • User memory – 512 bits • Access password – 32 bits • Kill password – 32 bits
Read Range	Off metal – Up to 12m (reader & environment dependent)
Data retention	50 Years
Endurance cycle	100,000 Cycles

Physical Characteristics

Dimension	: 112 x 22mm
Thickness	: 4.0mm
Hole size	: 3 x 5mm
Encasement	: ABS/PC
Weight	: 9.2 gm
Color	: Grey
Quality Testing	: 100%

Environmental Characteristics

Ingress Protection	: IP67
Operating Temperature	: -25°C to +85°C
Storage Temperature	: -25°C to +85°C
Application	: Off metal
Attachment/ mounting	: Adhesive / Rivet / Screw

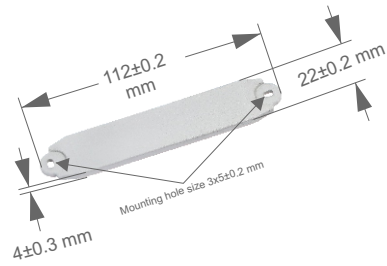
Chemical Characteristics

■ Resistance to salt water exposure	: Yes
■ Resistance to lubricant exposure	: Yes
■ Resistance to IPA & thinner	: Yes

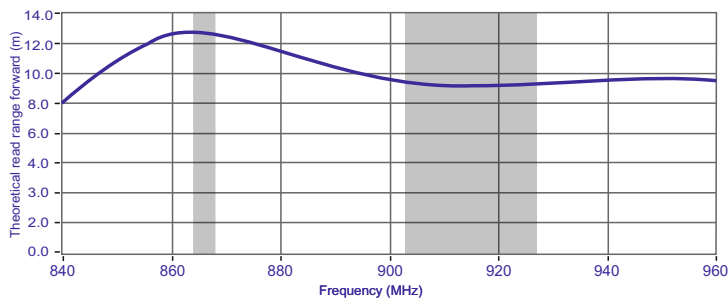
Additional Customization

■ Encoding	: Yes
■ Logo/Text/Barcode printing	: Yes

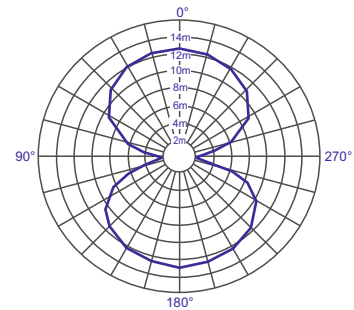
Dimensions



Frequency v/s read range graph



Orientation Readability



Best readability at 0° and 180° (i.e. Parallel to the reader antenna polarisation)
Worst readability at 90° & 270° (i.e. Perpendicular to the reader antenna polarisation)

Ordering code and descriptions

31EGN9403

With IMP-MR6-P Global

31EGN9801

With ALN-Higgs-3 Global