

PRODUCT SPECIFICATION

Item No.: HYT-MT-U034b

Category: Metal Tag

Physical Characteristics

Dimensions: Standard sized

Surface material: Steel

Packaging material: Epoxy resin



Performance Specifications

Polarization: Linear polarization

Chip type: H3

Frequency: 860~960MHz

Protocol: EPC Class1 Gen2, ISO 18000-6C

Memory Size [bit]: 512bit

Read Distance: Up to 1.5m (4W EIRP/2W ERP)

Write Endurance [cycles]: 100,000

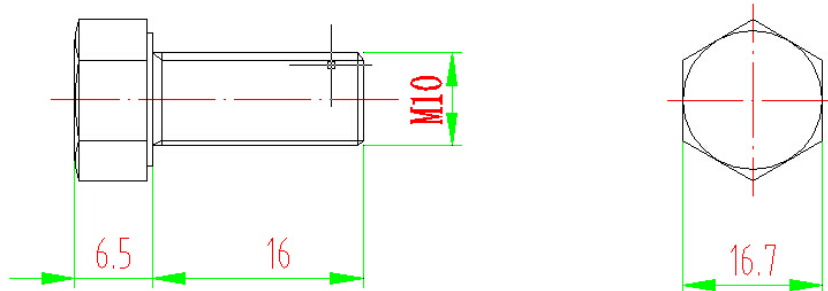
Data Retention: 10

User Environment

Operating temperature: -30 °C ~ +80°C

Storage temperature: -30 °C ~ +150°C

Ingress Protection: IP68



NOTE:
1.未标注公差±0.5
2.螺栓为公制 M10*16

Unit: mm

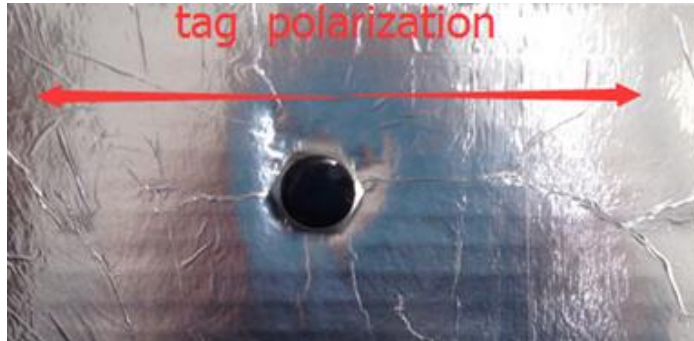
Bolt Standard: ASME/ANSI B 18.2.1-1981

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Bolt reading direction shown below:



Testing environment and data are as follows::

1. The bolt is screwed into the testing metal plate, which size 140mm * 35mm
2. Connect the antenna, and adjust the reader power to 30dBm
3. Test the bolt reading distance

Test Results:

Reader	Antenna	Max. Reading Range	Stable Reading Range
Impinj Speedway R220 Power Setting: 30dBm	Circular Polarization Gain: 6dBi	1.5 Meter	1.0 Meter