

## InLine Tag Ultra UHF M4QT 860-960 MHz

### Description

The tough and versatile InLine Tag transponders are available for mounting on metal, plastic or wood using standard M5 screws, rivets, industrial adhesives or welding. The tags are lightweight, waterproof and resist high-pressure / high temperature washing conditions according to the highest standard (IP69K). InLine Tag Ultra RFID tags include HID Global's patented 3D antenna, enabling omnidirectional read range performance independent of mounting material.

### Specification

Chip Type	UHF
Shape	Long/Flat
Size	97 × 27 × 15 mm
Total Memory	512 bit



#### TECHNOLOGY HIGHLIGHTS:

- Worldwide operating frequencies from 860 to 960 MHz
- Fully interoperable; standards compliant
- Reliable performance on both metal and non-metal surfaces
- Waterproof under high pressure / high temperature conditions; chemical and impact resistant
- Mounting options include nails, screws, welding and glues
- Large memory of up to 512-bit user memory and 128-bit EPC number

#### CHEMICAL AND MECHANICAL

Water	IP69K, 176° F (80° C), 100 bar, 30 sek. 16 l/min
Withstands	Exposure To Mineral oil, petroleum, salt mist, vegetable oil; up to 80% humidity at 158° F (70° C)
Environmental Test Conditions	68° F (20° C), 100 h
Vibration	IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]
Shock	IEC 68.2.29 [40 g, 18 ms, 6 axis, 2000 times]
Impact	IEC 62262-IK09 IEC 62262-IK08
Axial/Radial Force	1000 N, 10 sec

#### THERMAL

Storage	-40° to +176° F (-40° to +80° C), 1x1000 h
Operating Temperature -	40° to +185° F (-40° to +80° C)
Shock/Fatigue	-40° to +194° F (-40° to +85° C), 100 x 5 min with 20 sec transition

#### OTHER

Standards	UHF EPC Class 1 Gen 2, ISO 18000-6C, ISO 17364, DIN 40050-9
Warranty	2 Years