



High-Temperature UHF On-Metal RFID Tag IDTS-UMHT

Model IDTS-UMHT · Brand: Identium



A passive UHF on-metal RFID tag for parts that go through heat: rated for continuous use at +200 °C and short exposure to +275 °C, for automotive, aerospace and industrial manufacturing processes.

KEY FEATURES

- **Continuous operation from –25 °C to +200 °C; survives +275 °C for 30 minutes**
- **Reads up to 15 m with a fixed UHF reader**
- Alien Higgs 9 chip with up to 496-bit EPC and 512-bit user memory
- IP68 black high-temperature plastic body, 60 × 19 × 10 mm, 9 g
- Laser engraving, marking or polyester label for visual ID
- Passive tag, no battery

APPLICATIONS

Automotive manufacturing

Aerospace components

High-heat process lines

Metal parts and fixtures

SPECIFICATIONS

Frequency	840–960 MHz (covers India's 865–868 MHz band)
Chip	Alien Higgs 9
Memory	EPC up to 496 bits; user 512 bits
Write endurance	100,000 cycles
Read range	Up to 15 m (fixed UHF reader)
Dimensions	60 × 19 × 10 mm
Weight	9.0 ± 0.02 g
Material	High-temperature plastic
Colour	Black
Operating temperature	–25 °C to +200 °C continuous; up to +275 °C for 30 min
Storage temperature	–25 °C to +100 °C
IP rating	IP68
Marking	Laser engraving, marking or polyester label
Power	Passive (no battery)