

UHF RFID LINEN Tag

Model LTT5815

Product Description:

UHF Textile Laundry Tag, with more than 200 industrial washing cycle times, capable of 60 bar pressure, stable and reliable RF performance.



Type: LTT5815

Assembly method: Sewing

Advantages:

- More than 200 wash cycles.
- Both material and design have been tested for reliability.
- 100% function tested.

Main Features:

- Can customize size for customers.
- Soft material.
- Smaller module inside the tag.
- Can stick under 60 bar pressure.

Applications:

- Industrial washing.
- Management of uniforms.
- Medical apparel management.
- Military clothing management.
- Personnel patrol management.

**Specifications:**

| | |
|-----------------------|--|
| Compliance | EPC Class1 Gen2; ISO18000-6C |
| Frequency | 860~960 MHz |
| Chip | ImpinJ Monza R6-P |
| Memory | EPC 96bits, User 32bits |
| Read/write | Yes (EPC/User) |
| Data Storage | 20 years |
| Lifetime | 200 wash cycles or 2 years from shipping date (whichever comes first) |
| Material | Textile |
| Dimension | 58(L) x 15(W) x 1.5(T)mm |
| Storage Temperature | -40°C~ +85 °C |
| Operating Temperature | 1) Washing: 90°C(194°F), 15 minutes, 200 cycle 2) Pre-drying in Tumbler: 180°C(320°F), 30minutes 3) Ironer: 180°C(356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C(275°F), 20 minutes |
| Mechanical Resistance | Up to 60 bars |
| Delivery Format | Single Piece |
| Installation Method | Sewing |
| Weight | ~ 0.6g |
| Package | Antistatic bag and carton |
| Color | White |
| Power Supply | Passive |
| Chemicals | Normal common chemicals in the washing processes |
| RoHS | Compatible |
| Read distance | Up to 5 meters (ERP=2W, Fixed Reader) Up to 2 meters (With ATID AT880 handheld reader) |
| Polarization | Liner |