

Datasheet

8KByte Metal Mount RFID Tag

Small, lightweight and 8KByte High-Capacity UHF Metal Mount RFID Tag
 Enable highly efficient, precise global maintenance operations.



- UHF RFID Tag with 8KByte high capacity user memory
- Compliant with global standards such as EPCglobal¹ Class1 Generation2 Ver1.2.0, ISO/IEC 18000-6 Type C
- High durability satisfying rigorous testing requirements for the Aerospace Standard SAE AS5678² specification
- Designed for superior performance on metal surfaces



Specifications

Standards	EPCglobal Class 1 Generation 2* Ver1.2.0, ISO/IEC 18000-6 Type C** *Class 1 Generation 2: A transmission standard instituted by EPCglobal, for data transmission between readers/writers and UHF-RFID tags. This is a second-generation standard specification that improves performance of the EPC Class 1 specification. **ISO/IEC 18000-6 Type C: An international standard for UHF-RFID tags, defined by ISO and based on EPCglobal's "EPCglobal Class 1 Generation 2" standard.
Memory size	EPC Bank: 240 bits, User Memory: 8,192 Bytes *User Memory: Refers to the memory area of the RFID tag in which the user can freely read/write, which some low-cost RFID tags do not feature. The user memory size of conventional RFID tags is usually a few hundred bits.
Tag dimensions*	Width: 47mm, Depth: 10mm, Height: 4.9mm)
Weight	4.0 g
Frequency	860-960 MHz (Worldwide)

Glossary & Notes:

1 EPCglobal: EPCglobal is a non-profit organization established by GS1 (formerly known as EAN International), which promotes the international standardization of barcodes, and GS1 US™ (formerly the Uniform Code Council, Inc.).
 2 SAE AS5678: Issued by the Society of Automotive Engineers (SAE) in December 2006, SAE AS5678 is a standard defining environmental specifications and test methods for passive RFID tags used in aviation applications. SAE has categorized and defined environmental specifications for RFID tag use, for the three environmental categories of "Interior," "Exterior" and "Power Plant".

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