

***This high performance integrated RFID MIFARE® tag combines the functions of EPC Gen 2 UHF BAP tag and MIFARE® HF tag into one unit.***

This high performance integrated RFID MIFARE® tag combines the functions of EPC Gen 2 UHF battery assisted passive (BAP) tag and MIFARE® HF tag into one unit. It provides long range tracking and short range high security authentication. The ultra-thin tag is compliant with ISO 18000-6 and EPC Class 3 Gen 2 protocols and offers a long read distance of 20 meters in free space and 5 meters on the human body. It can be worn as a badge or carried in pockets, purses, briefcases and billfolds. In addition, its IP68 protection rating ensures stable operation even in difficult environments.



## **Key Features**

- ✓ Combines EPC Gen 2 UHF BAP tag and MIFARE® HF tag in one single ID card
- ✓ Long read range with over 20 meters in open space for Gen 2 UHF
- ✓ Hands free operation with readability of 5 meters in shirt pocket
- ✓ Omni-directional tags that can be worn as a badge or carried in pockets, purses, briefcases and billfolds
- ✓ Data storage directly on the tag with lockable data protection
- ✓ Printable card form factor with optional hole punch

## Technical Specifications

Dimensions		85 x 54 x 2.3 mm
Read Range	Gen 2 UHF	20 meters in free space (60 feet)
	Mifare HF	5 meters (16 feet) on human body
Operation Temperature		-20 °C to 60 °C
Operation Frequency		860 to 960 MHz
Environment Protection		IP68
Standards	EPC BAP UHF	ISO 18000-6, EPC Class 3 Gen 2
	Mifare HF	ISO 14443A
Memory	EPC BAP UHF	96 bit EPC ID, 64 bit TID, 720 bit User memory
	Mifare HF	4 byte UID, 1 kbyte User memory
Optional Features		Four color printing and hole punch

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