



Manufacturer of RFID tags

DATASHEET

Wrist Band Tag

Tag Code: H381157

Wrist bands are used in access control in amusement parks, recreational areas, for automated admissions, guest identification, cashless point-of-sale, keyless entry, and many more



Electrical Specification

Air Interface Protocol	ISO/IEC 14443 Type A
Operational Frequency	13.56 MHz
Chip**	NXP Mifare Ultralight
	512 bit, organised in 16 pages, 4 bytes per page
	384 bit user read/write area 12 (pages)
	Data transfer of 106 Kbit/s
Data Retention	5 years
Write endurance	10,000 cycles

Physical / Mechanical Specification

Dimension	255 x 42 x 36.5 ± 0.3 mm
Weight	14 ± 0.4 gm
Encasement	ABS + EVA
Color**	Blue & white with black strap
Quality Assurance	100% reader tested

Environmental Resistance

Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP67
Attachment**	Via strap & buckle lock
Applicable surface	Human wrist

Dimensions



Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

* Actual Read range may vary depending upon the reader and environmental factor

** Other on request

*** Available as an option at extra cost

Order Information

H381157	With NXP Mifare Ultralight
H381209	With NXP I-Code SLIX-L
H381098	With NXP Mifare 1k

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Corporate Office

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