

DATASHEET

Jewellery Tag type - II

Tag Code: H241107

Jewellery tag is ideal for tracking and managing precious jewellery articles or accessories. It can be used for inventory management of jewellery in wholesale as well as retail. It is available with various chips & memory sizes.



Electrical Specification

Air Interface Protocol	ISO/IEC 15693
Operational Frequency	13.56 MHz
Chip**	NXP I-Code SLI
	1024 bits, organised in 32 blocks of 4 byte each
	Fast data transfer: up to 53 Kbit/s
Data retention	10 years
Write endurance	100,000 cycles

Physical / Mechanical Specification

Dimension	20 x 16.4 x 2.5 ± 0.2 mm
Hole Dia	3.0 mm
Weight	1.3 gm
Encasement	ABS
Colour**	White
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***	Riveting/ screw / Adhesive
Applicable surface	Plastic / Near metal
Expected Lifetime	Years in normal operating conditions

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

Part No.	Description
H242107	With NXP I-Code SLI
H242209	With NXP I-Code SLIX-L

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