

LAUNDRY TAGS

FEATURES:

13.56MHz or 125KHz Tags
Read/Write or Read Only Versions
ISO15693 standards compliant (13.56MHz tags)
Small size form factor

APPLICATIONS:

Industrial Laundry
Asset Management



RoHS Compliant



FUNCTIONAL SPECIFICATIONS:

Operating Frequency	13.56MHz (+0.5/-0.2MHz)	125±6KHz, 134.2±3 KHz
ISO Standard Compliance	ISO 11784, ISO 14443/15693	---
Memory Type	I code Sli- 1024 bits R/W	EM4102-64 bits, R/O,

PHYSICAL SPECIFICATIONS:

Diameter	15.1±0.1mm	14.95±0.1mm
Thickness	22±0.3X3.3mm max	
Material	2.75±0.05mm	2.3±0.2mm
Color	PPS Injection molding	PPS Base + Epoxy Potting
	Ivory White / Brown / Black	Base: Brown / Black
		Epoxy: Yellow

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (Deg C)	+10° C to +70° C	+10° C to +70° C
Storage Temperature (Deg C)	-40° C to +85° C	-40° C to +85° C
Heat Resistance (Deg C)	150° C for 15 minutes	150° C for 30 min / 200° C for 15 min
Mechanical Vibrations	10g, 20-1000Hz, 3 axis, 2.5 Hrs	10g, 20-1000Hz, 3 axis, 2.5 Hrs
Water Immersion	IP68	IP68
Mechanical Shock	40g, half-shine, 18ms, 6 axis, 2000 times	40g, half-shine, 18ms, 6 axis, 2000 times
Industrial Wash Cycles	Up to 200 Wash cycles	Up to 200 Wash cycles
Washing Extractor Load	Up to 500 Kg	Up to 500 Kg

1) Read Distance depends on the User's reader antenna

2) Tags with other ICs from NXP, EM, Infeon, Atmel, ST Micro, TI, Legic or other semiconductor manufacturers are also available as per customer requirements

** Other sizes, materials or colors can be made available on request

***** Ask for our special HIGH Temperature Tags that work at 150/180/200 deg C continuous operation**

Syrma Technology reserves the right to change the product information, specification, features or data without any prior notice at any time. Syрма Technology does not take any responsibility for customer product/system design or performance when used with specifications not mentioned above.

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