

Laundry Tag

RFID UHF Tag Data Sheet

Tag Classification	Laundry Tag (Polyester)	
Compliance Standard	EPC Class1 Gen2	
Operating Frequency	860-960 MHz	
Operating Mode	Passive	
Data Transfer Rate	Up to 640 kbps	
Manufacture	Antenna : Multi threads, woven, stainless steel Label : Polyester	
Label Dimension	20 x 59 x 1.8 mm	
Recommended Storage	21 ± 10 °C ; 50 ± 20 %RH	
ESD (HBM)	± 2,000 V	
Chip IC type	Impinj Monza 5	
Memory	EPC	128Bits
	TID	48 Bit TID / 48 Bit Unique TID
	Password	32 Bit Access and 32 Bit Kill Password
	EEPROM data retention	50 years
	EEPROM write endurance	100,000 cycles



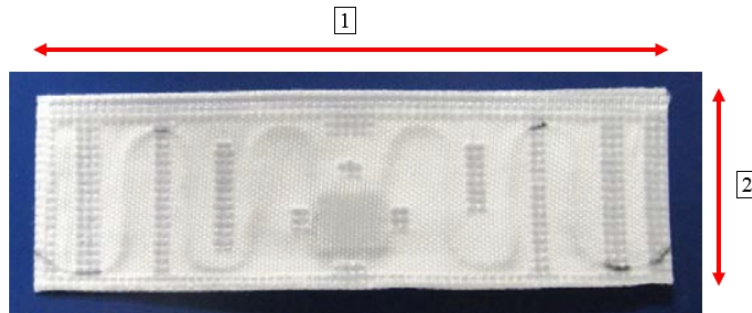
Front



Rear

Laundry Tag

Label Drawing



NO.	Item	Dimension
1	Label Length	59 ± 2 mm
2	Label Width	20 ± 2 mm

Environmental Resistance

Item	Descriptions
Maximum temperature exposure	200 °C (392 °F) / 15 seconds / 2.5 bars (36.28 PSI)
Tunnel Washer	90 °C (194 °F) / 15 minutes
Pre-drying in tumbler	160 °C (320 °F) / 30 minute
Tunnel Finisher	185 °C (365 °F) / 30 minutes
Sterilization Process	134 °C (273 °F) / 20 minutes
Water Extractor Press	60 bars
Washing Cycles	200 cycles or 3 years minimum guaranteed