

RFID UHF Laundry Tag

RFID-LD-UHF-07

UHF Laundry Tag Model S7015

UHF Textile Laundry Tag, with more than 200 industrial washing cycle times, capable of 60 bar pressure, stable and reliable RF performace



Type: 7015-7M

Assembly method: sewing (Thread installation)

ADVANTAGES:

- More than 200 wash cycles.
- Both material and design have been tested for reliability.
- 100% function tested.

MAIN FEATURES:

- Can customize size for customers.
- Soft material.
- ♣ Smaller module inside the tag.
- Can stick under 60 bar pressure.

APPLICATIONS:

- Industrial washing.
- Management of uniforms.
- Medical apparel Management
- Military clothing management.
- Personnel patrol management.

CHARACTERISTICS:

ComplianceEPC Class1 Gen2; ISO18000-6CFrequency902-928 MHz, 865~868 MHz (Can customize frequency)ChipNXP Ucode7MMemoryEPC 96bitsRead/writeYes (EPC)Data Storage20 yearsLifetime200 wash cycles or 2 years from shipping date (whichever comes first)MaterialTextileDimension70(L) x 15(W) x 1.5(H) (Can customize the sizes)Storage Temperature-40°C ~ +85 °COperating Temperature1) Washing: 90°C (194°F), 30 minutes, 200 cysle 2) Pre-drying in Tumbler: 180°C (320°F), 30minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutesMechanical ResistanceUp to 60 barsDelivery formatSingleInstallation Method7015-7 M : Thread installationWeight~ 0.7gPackageAntistatic bag and cartonColorWhitePower SupplyPassiveChemicalsNormal common chemicals in the washing processesRoHSCompatibleRead distanceUp to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)PolarizationLiner	CHARACTERISTICS:	
Chip NXP Ucode7M Memory EPC 96bits Read/write Yes (EPC) Data Storage 20 years Lifetime 200 wash cycles or 2 years from shipping date (whichever comes first) Material Textile Dimension 70(L) x 15(W) x 1.5(H) (Can customize the sizes) Storage 700 Years 70(L) x 15(W) x 1.5(H) (Can customize the sizes) Temperature 100 Washing: 90°C (194°F), 30 minutes, 200 cysle 200 Pre-drying in Tumbler: 180°C (320°F), 30 minutes 30 Ironer: 180°C (356°F), 10 seconds, 200 cycles 40 Sterilization Process: 135°C (275°F), 20 minutes 100 Weight 7015-7 M: Thread installation Method 7015-7 M: Thread	Compliance	EPC Class1 Gen2; ISO18000-6C
Memory EPC 96bits Read/write Yes (EPC) Data Storage 20 years Lifetime 200 wash cycles or 2 years from shipping date (whichever comes first) Material Textile Dimension 70(L) x 15(W) x 1.5(H) (Can customize the sizes) Storage 7-40°C ~ +85 °C Temperature 1) Washing: 90°C (194°F), 30 minutes, 200 cysle 2) Pre-drying in Tumbler: 180°C (320°F), 30minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutes Mechanical Resistance Up to 60 bars Delivery format Single Installation Method 7015-7 M: Thread installation Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes RoHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Frequency	902-928 MHz, 865~868 MHz (Can customize frequency)
Read/write Yes (EPC) Data Storage 20 years Lifetime 200 wash cycles or 2 years from shipping date (whichever comes first) Material Textile Dimension 70(L) x 15(W) x 1.5(H) (Can customize the sizes) Storage -40°C ~ +85 °C Temperature 1) Washing: 90°C (194°F), 30 minutes, 200 cysle 2) Pre-drying in Tumbler: 180°C (320°F), 30minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutes Mechanical Resistance Up to 60 bars Delivery format Single Installation Method 7015-7 M : Thread installation Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes RoHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Chip	NXP Ucode7M
Data Storage Lifetime Lifetime 200 wash cycles or 2 years from shipping date (whichever comes first) Material Textile Dimension 70(L) x 15(W) x 1.5(H) (Can customize the sizes) Storage Temperature 1) Washing: 90°C (194°F), 30 minutes, 200 cysle Operating Temperature 2) Pre-drying in Tumbler: 180°C (320°F), 30minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutes Mechanical Resistance Delivery format Single Installation Method 7015-7 M : Thread installation Weight 70.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes ROHS Compatible Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Memory	EPC 96bits
Lifetime 200 wash cycles or 2 years from shipping date (whichever comes first) Material Textile Dimension 70(L) x 15(W) x 1.5(H) (Can customize the sizes) Storage -40°C ~ +85 °C Temperature 1) Washing: 90°C (194°F), 30 minutes, 200 cysle 2) Pre-drying in Tumbler: 180°C (320°F), 30minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutes Mechanical Resistance Up to 60 bars Delivery format Single Installation Method 7015-7 M : Thread installation Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Read/write	Yes (EPC)
Material Textile Dimension 70(L) x 15(W) x 1.5(H) (Can customize the sizes) Storage -40°C ~ +85 °C Temperature 1) Washing: 90°C (194°F), 30 minutes, 200 cysle 2) Pre-drying in Tumbler: 180°C (320°F), 30 minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutes Mechanical Resistance Up to 60 bars Delivery format Single Installation Method 7015-7 M : Thread installation Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Data Storage	20 years
Dimension 70(L) x 15(W) x 1.5(H) (Can customize the sizes) Storage Temperature -40°C ~ +85 °C 1) Washing: 90°C (194°F), 30 minutes, 200 cysle 2) Pre-drying in Tumbler: 180°C (320°F), 30minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutes Mechanical Resistance Up to 60 bars Delivery format Single Installation Method 7015-7 M : Thread installation Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Lifetime	
Storage Temperature 1) Washing: 90°C (194°F), 30 minutes, 200 cysle 2) Pre-drying in Tumbler: 180°C (320°F), 30 minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutes Mechanical Resistance Delivery format Installation Method 7015-7 M : Thread installation Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Un to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Material	Textile
Temperature 1) Washing: 90°C (194°F), 30 minutes, 200 cysle 2) Pre-drying in Tumbler: 180°C (320°F), 30minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutes Mechanical Resistance Delivery format Single Installation Method 7015-7 M : Thread installation Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Dimension	70(L) x 15(W) x 1.5(H) (Can customize the sizes)
Operating Temperature 2) Pre-drying in Tumbler: 180°C (320°F), 30minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles 4) Sterilization Process: 135°C (275°F), 20 minutes Mechanical Resistance Delivery format Single Installation Method 7015-7 M : Thread installation Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	_	-40°C ~ +85 °C
Resistance Delivery format Single Installation Method Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)		 2) Pre-drying in Tumbler: 180°C (320°F), 30minutes 3) Ironer: 180°C (356°F), 10 seconds, 200 cycles
Installation Method Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)		Up to 60 bars
Method 7015-7 M : Thread installation Weight ~ 0.7g Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Delivery format	Single
Package Antistatic bag and carton Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes RoHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)		7015-7 M : Thread installation
Color White Power Supply Passive Chemicals Normal common chemicals in the washing processes RoHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Weight	~ 0.7g
Power Supply Passive Chemicals Normal common chemicals in the washing processes RoHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Package	Antistatic bag and carton
Chemicals Normal common chemicals in the washing processes ROHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Color	White
RoHS Compatible Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Power Supply	Passive
Read distance Up to 5.5 meters (ERP=2W) Up to 2 meters (With ATID AT880 handheld reader)	Chemicals	Normal common chemicals in the washing processes
Up to 2 meters (With ATID AT880 handheld reader)	RoHS	Compatible
Polarization Liner	Read distance	
	Polarization	Liner

Tel: +66(0)2-136-9171 to 4 Fax: +66(0)-136-9175

