



SPECIFICATION

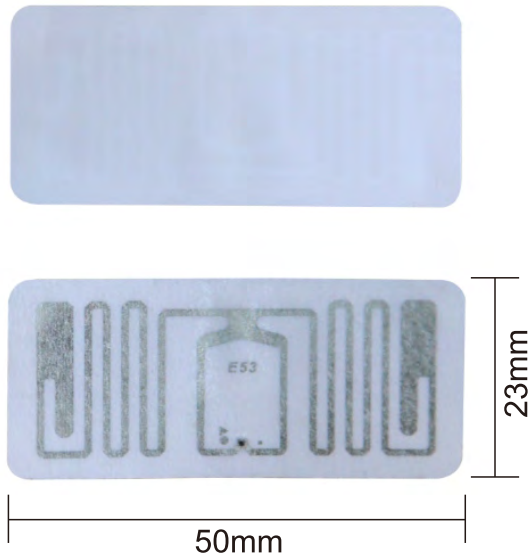


Product name: UHF RFID Label

Item No.: LDR-5023L

Version: V1.0

Date: 2019.10.29



Quick Details

LDR-5023L UHF RFID label is designed for industrial RFID environment, especially used for supply chain, warehouse and file management. It is compliant with EPC C1G2 (ISO18000-6C) standard and it fits for all 860-960mhz UHF RFID readers and antennas. It supports printing on printer by rolls, size and chip can be customized.

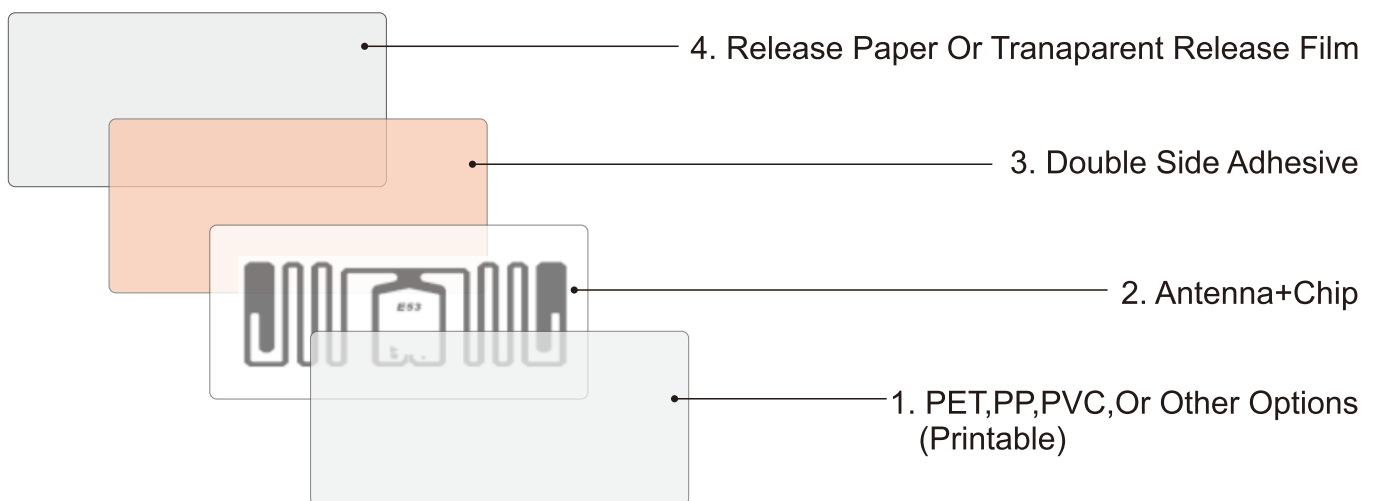
RFID Parameter

Model No.	LDR-5023L
Type	Passive UHF RFID Label
Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
Frequency	Worldwide 840-960Mhz, US 902-928mhz, EU 865-868Mhz
Chip	Ucode8 / Ucode9
Memory	EPC 128bits(EPC 96bits) / TID 48bits / User 0bits
Read&Write	Supported
Read Range	1-3meters adjustable(reader and environment dependent)
Data retention	10years
Programming Cycles	100,000 cycles
Anti-collision	Yes

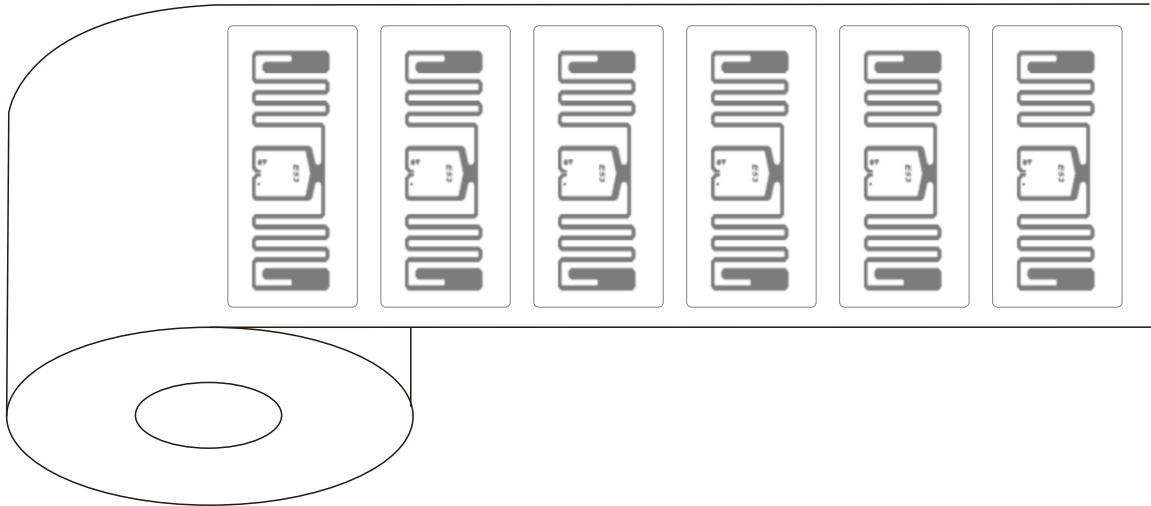
Physical Parameter

Size	50×23mm
Substrate Material	Transparent Release Film
Antenna Material	Aluminum Etching
Surface Material	Coated Paper (Thermal or Transfer Optional)
Encode	Supported
Installation	Self adhesive
Operating Temperature	-25°C ~ +65°C
Operating Humidity	20% ~ 90%RH
Package	2000pcs/roll, 1000pcs/roll, 500pcs/roll optional
Customized Service	<p>Optional Chips: Alien Higgs-3; Alien Higgs-4; NXP Ucode 7; Impinj Monza4; Impinj Monza5;</p> <p>Optional Materials: Coated Paper; PVC Paper; Synthetic PP Paper; PET Paper;</p> <p>Optional Glues: Standard Glues; 3M Glues; Strong Glues;</p> <p>Optional Printing: Offset Printing; Barcode Printing; Series Number Printing; UV Printing</p> <p>Optional Crafts: Tamper Proof ; Encoding;</p>

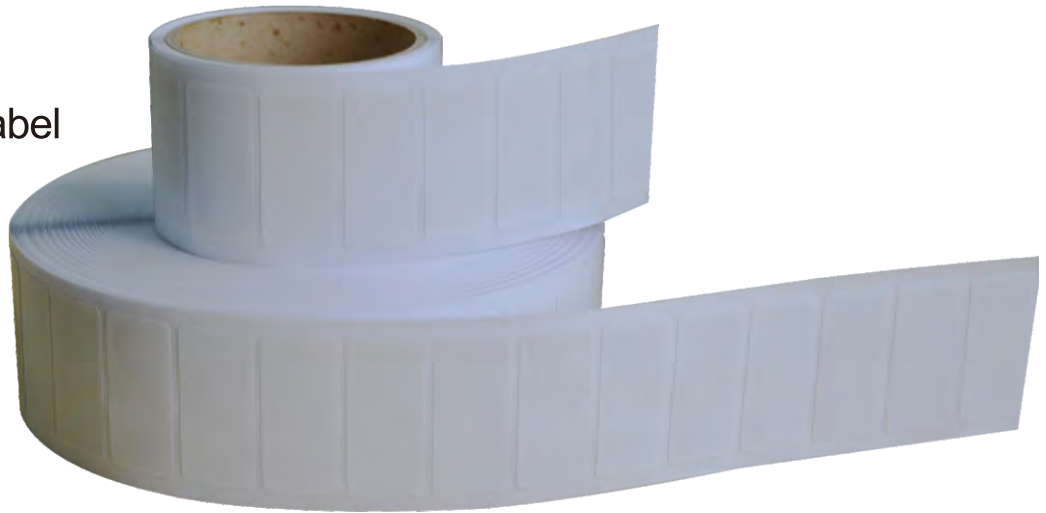
Structure



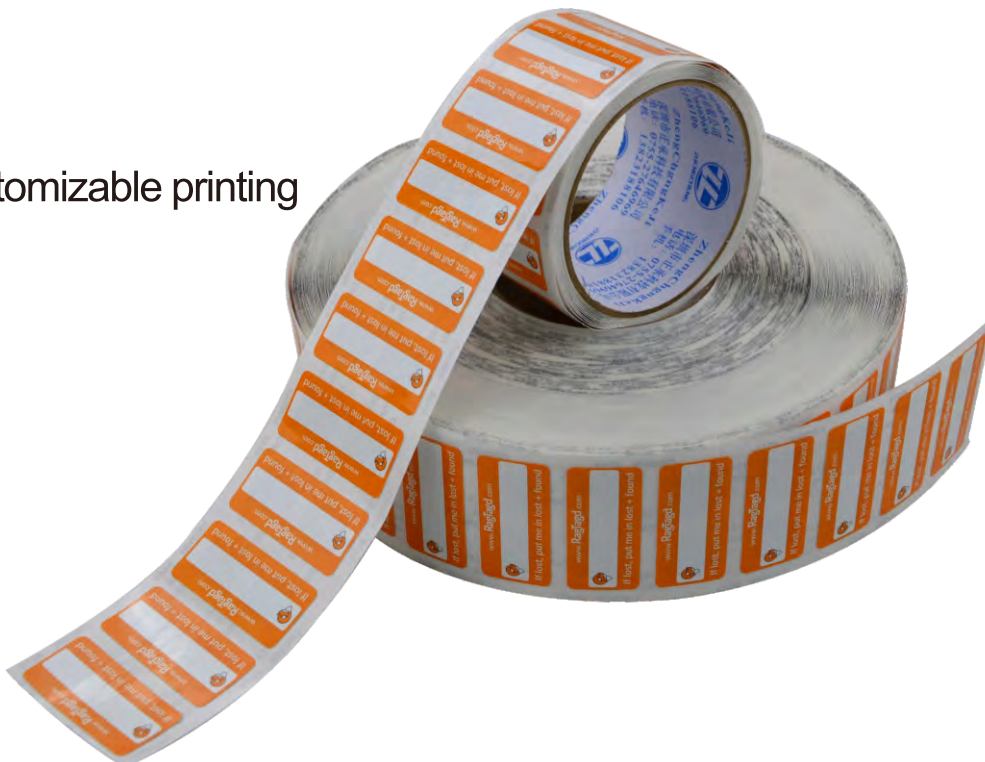
Expand Direction



Regular blank label



Customizable printing



Application

- Tracking challenging materials and objects
- Logistic and shipping labels
- File folder and document management
- Manufacturing and warehouse management

