

SPECIFICATION

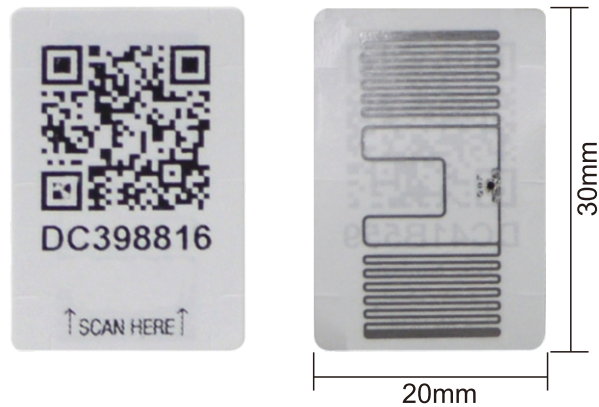


Product name: UHF RFID Fragile Sticker

Item No.: LDR-3020L

Version: V1.0

Date: 2023.12.20



Quick Details

LDR-3020L 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.

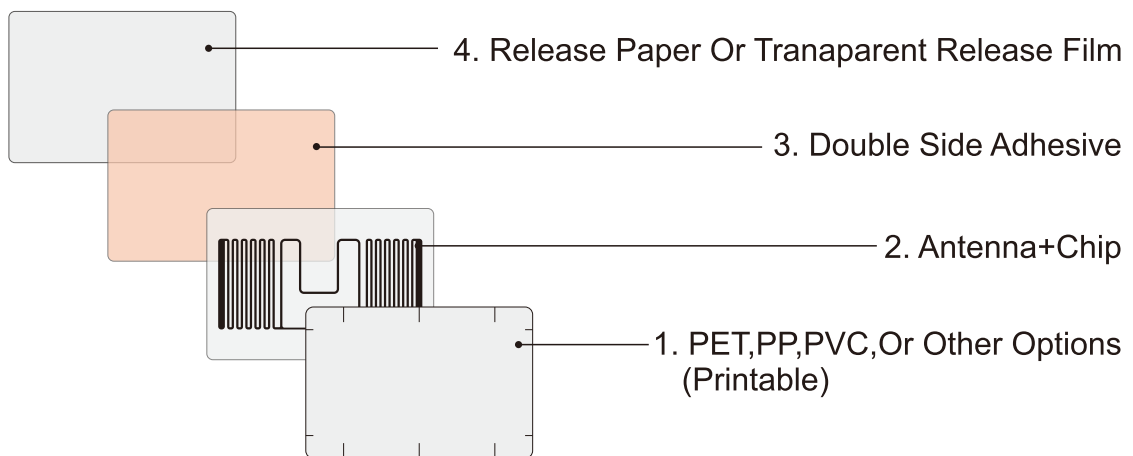
RFID Parameter

Model No.	LDR-3020L
Type	Passive UHF RFID Label
Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
Frequency	Worldwide 840-960Mhz, US 902-928mhz, EU 865-868Mhz
Chip	Kiloway/KX2005X-S
Memory	EPC 128bits / TID 96bits / User 0bits
Read&Write	Supported
Read Range	1-3.5meters adjustable(reader and environment dependent)
Data retention	10years
Programming Cycles	100,000 cycles
Anti-collision	Yes

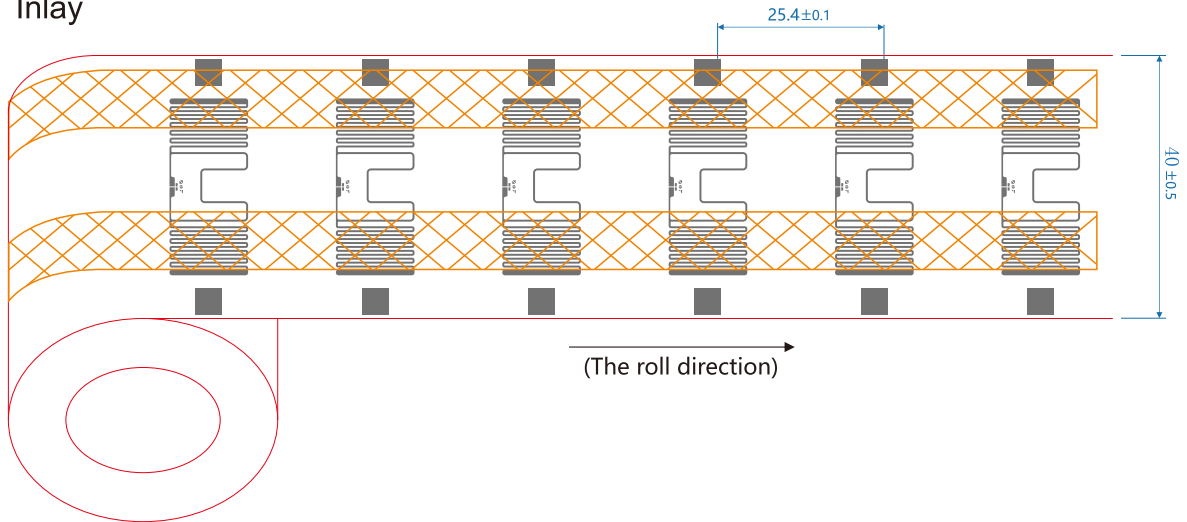
Physical Parameter

Size	30×20mm
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	2500pcs/roll optional
Customized Service	Optional Chips: Alien Higgs-9; NXP Ucode 7; Impinj Monza4; Impinj Monza5; Optional Materials: Coated Paper; PVC Paper; Synthetic PP Paper; PET Paper; Optional Glues: Standard Glues; 3M Glues; Strong Glues; Optional Printing: Offset Printing; Barcode Printing; Series Number Printing; UV Printing Optional Crafts: Tamper Proof ; Encoding;

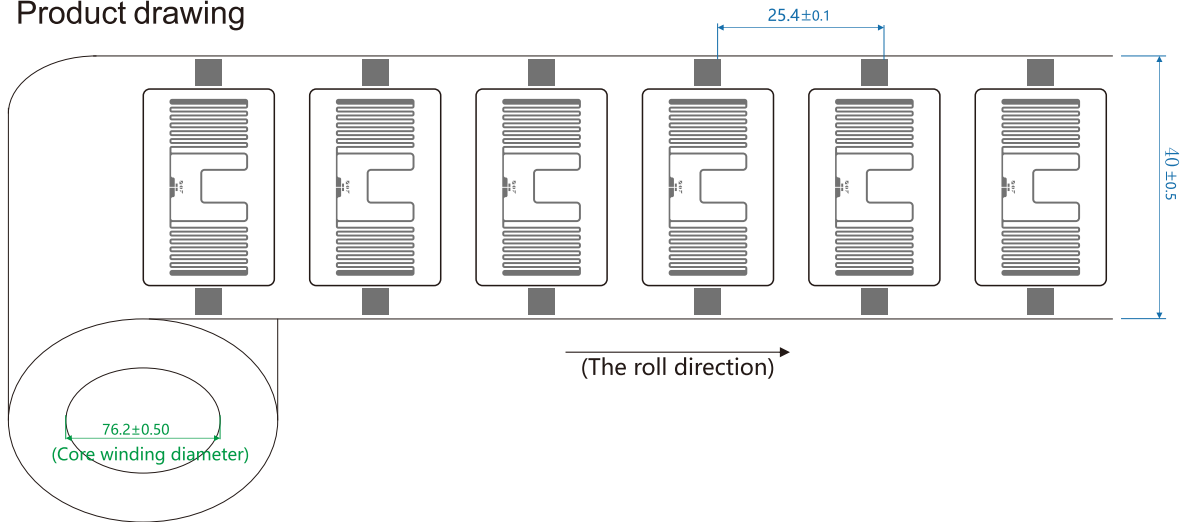
Structure



Inlay



Product drawing



Customizable packing



Application

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

