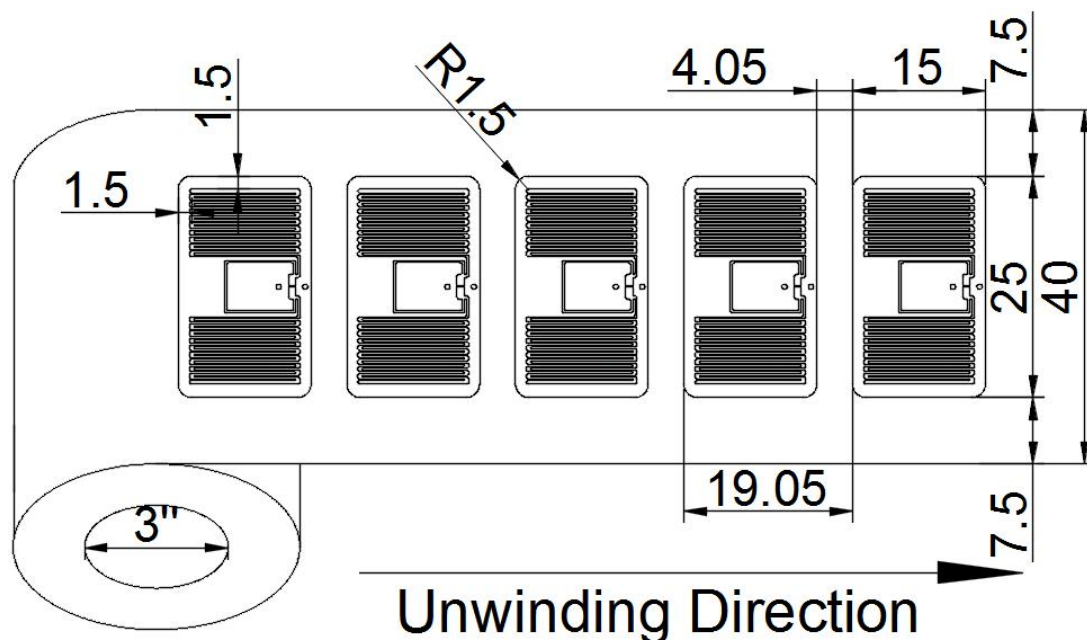


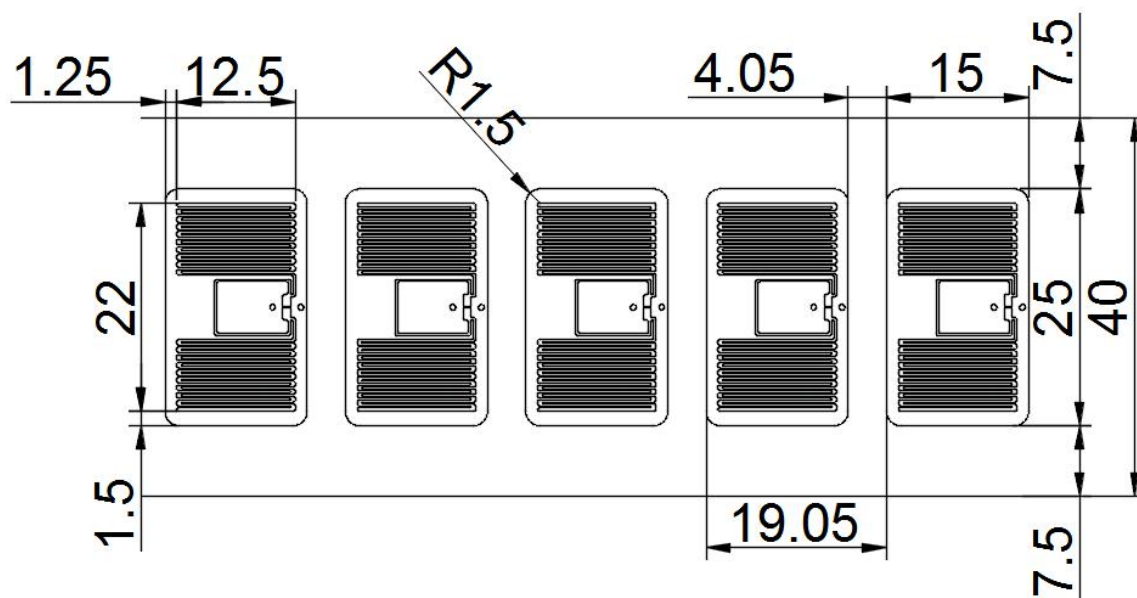
PN/Revision	25x15mm UHF Adhesive label	Page
/A0	22x12.5mm Dry Inlay -U9	1 / 4

1. Mechanical Characteristics

1.1 Appearance



1.2 Dimensions

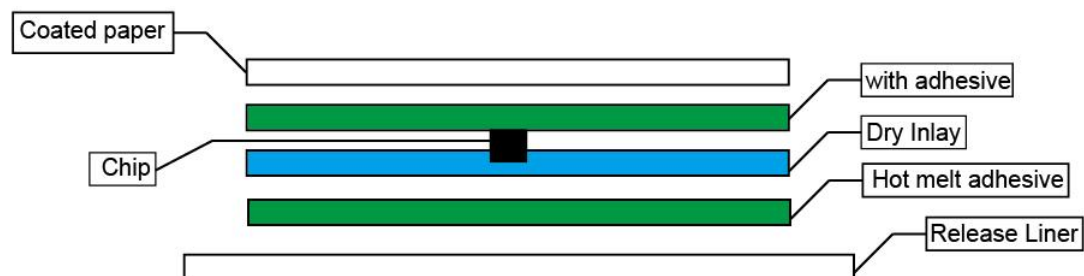


PN/Revision	25x15mm UHF Adhesive label	Page
/A0	22x12.5mm Dry Inlay -U9	2 / 4

1.3 Dimensions Deviation

No.	Item	Parameters mm
1	Inlay Length	12.5±0.20
2	Inlay Width	22±0.20
3	Inlay right to label right	1.25±1.0
4	Inlay left to label left	1.25±1.0
5	Label Length	15±0.5
6	Label Width	25±0.5
7	Label Corner Radius	R=1.5±0.5
8	Label Edge to Liner Edge (Top)	7.5±1.0
9	Label Edge to Liner Edge (Bottom)	7.5±1.0
10	Label Pitch	19.05±0.5
11	Label Gap	4.05±0.5
12	Liner Width	40±1.0
13	Core ID	3inch(76.20±0.50)
14	Roll OD	≤ 191
15	Inlay Top to Label Top	1.5±1.0
16	Inlay Edge to Label Edge (Bottom)	1.5±1.0
17	Antenna Length	12.5±0.2
18	Antenna Width	22±0.2

1.4 Structure



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2. Electrical Characteristics

Item		Description	Remarks
Manufacture / Chip		NXP UCODE 9	
Base Material		PET(50um)	
Antenna		Etched Aluminum (10um) + PET (50um)	
Protocol		ISO/IEC 18000-6C EPC Class1 Gen2	
Memory	EPC	96 Bits	Read & Write
	TID	96 Bits	Read Only
	Password	No Access, 32 Bits Kill	Read & Write
	User	0 Bits	
Frequency		860~960MHz	
Operating Mode		Passive	
IC Life		100,000 Programming cycles, 20years data	
ESD Voltage Immunity		Max 2000V	Human being mode(HBM)

3. Environmental Requirement

Temperature/Humidity for Label Attaching: [10℃ to 40℃] 20% to 80%RH

Temperature/Humidity after Label Attached to the Products: [-20℃to +50℃] 20% to 80%RH
 (Environmental requirements of adhesive may vary on different materials).

Shelf Life: From the date of manufacture, 1 year at 23±5℃ / 50%±10%RH), sealed in the vacuum bag and avoid direct sunlight exposure.

Disclaimer: Our recommendations are based on our latest knowledge and experience. We reserve all rights for final explanation.

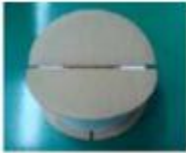
4. Handling Precautions

4.1 Keep away from water and collision. DO NOT BEND.

4.2 Special requirement: NONE

PN/Revision	25x15mm UHF Adhesive label	Page
/A0	22x12.5mm Dry Inlay -U9	4 / 4

5. Packaging

1	Shipping format	1. Roll 2. Vacuumed packing in ESD bag
2	Quantity	5000±2Pcs/roll
3	Packaging method	12 rolls/ctn (Actual Qty as per Shipping Mark)
4	Packaging pictures	   
5	Special requirement	The carton was sealed without gaps

Revision History

Item Number		Revision History	
Revision History			
Date	Person	Version	Modification
2023.3.11	Chen zhijie	A	First Release