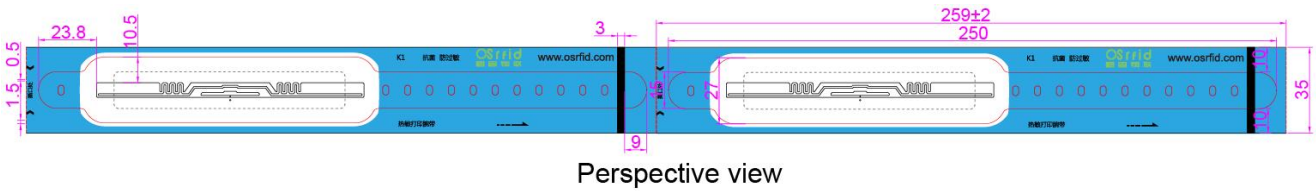
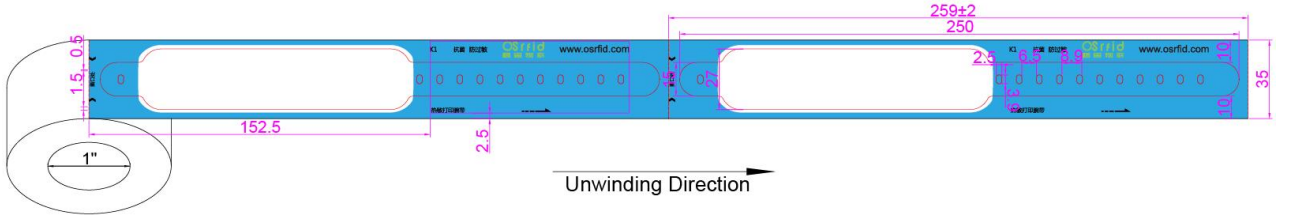


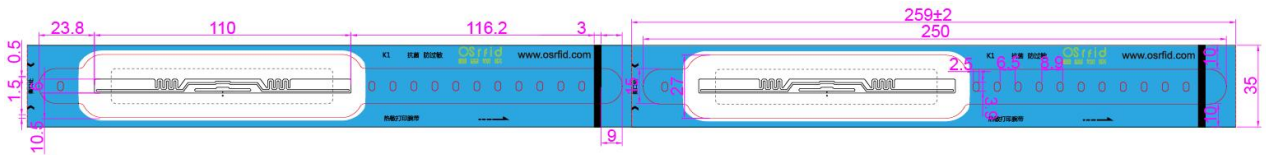
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1. Mechanical Characteristics

1.1 Appearance



1.2 Dimensions

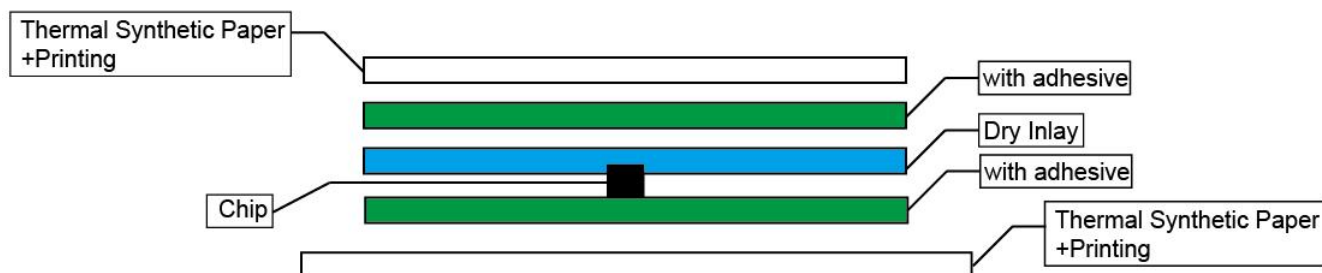


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1.3 Dimensions Deviation

No.	Item	Parameters mm
1	Inlay Length	110±0.50
2	Inlay Width	6±0.50
3	Inlay right to label right	116.2±2.0
4	Inlay left to label left	23.8±2.0
5	Label Length	259±2.0
6	Label Width	35±1.0
7	Label Corner Radius	
8	Label Edge to Liner Edge (Top)	
9	Label Edge to Liner Edge (Bottom)	
10	Label Pitch	
11	Label Gap	
12	Liner Width	
13	Core ID	1inch(25.4±0.50)
14	Roll OD	≦ 110
15	Inlay Top to Label Top	10.5±2.0
16	Inlay Edge to Label Edge (Bottom)	10.5±2.0
17	Antenna Length	110±0.20
18	Antenna Width	6±0.20
19	Printing to left size	152.5±1.0
20	Printing to Bottom size	2.5±1.0

1.4 Structure



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2. Electrical Characteristics

Item	Description	Remarks	
Manufacture / Chip	Impinj Monza R6-P		
Base Material	PET(50um)		
Antenna	Etched Aluminum (10um) + PET (50um)		
Protocol	ISO/IEC 18000-6C EPC Class1 Gen2		
Memory	EPC	128 Bits	Read & Write
	TID	96 Bits	Read Only
	Password	Access - 32Bits, Kill - 32Bits	Read & Write
	User	32 Bits	Read & Write
Frequency	860~960MHz		
Operating Mode	Passive		
IC Life	100,000 Programming cycles, 50years data		
ESD Voltage Immunity	Max 2000V	Human being mode(HBM)	

3. Environmental Requirement

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

Temperature/Humidity after Label Attached to the Products: [-20°C to +50°C] 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°C / 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:

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5. Packaging

1	Shipping format	1. Roll 2. Vacuumed packing in ESD bag
2	Quantity	100±2Pcs/roll
3	Packaging method	1 rolls/ctn (Actual Qty as per Shipping Mark)
4	Packaging pictures	
5	Special requirement	The carton was sealed without gaps

Revision History

Revision History			
Date	Person	Version	Modification
2023.3.27	chenzhijie	A	First Release