

HIDDEN

Data Sheet

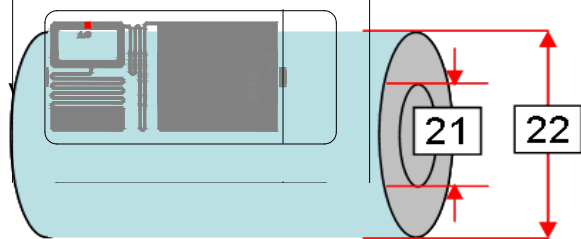
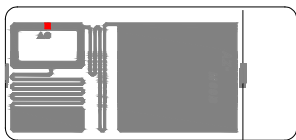
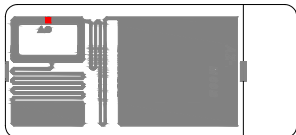
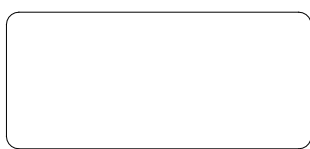
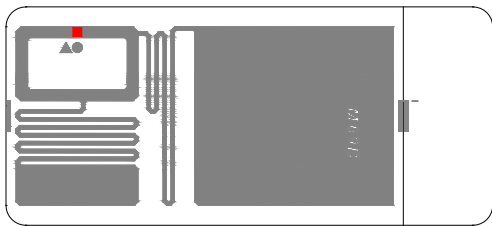
Page

1/5

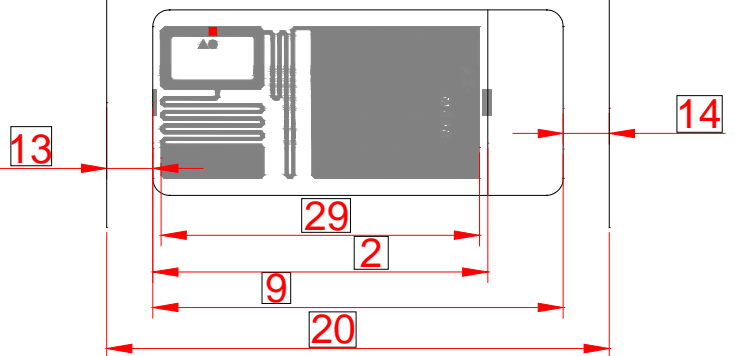
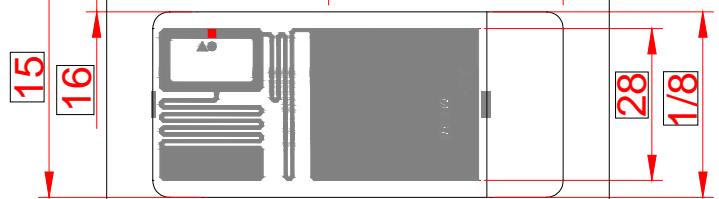
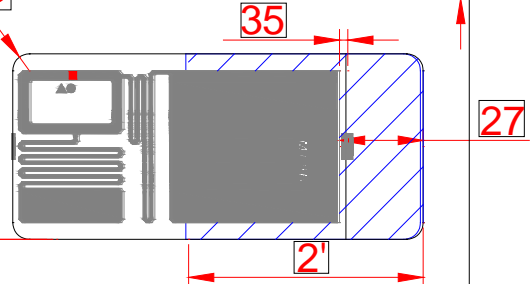
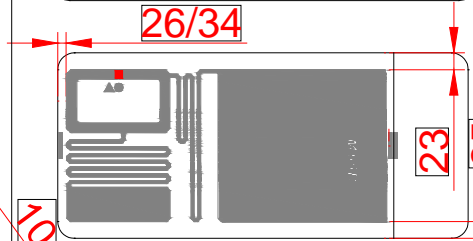
M69B (22.00X49.00mm)

1. Mechanical Characteristics

1 label



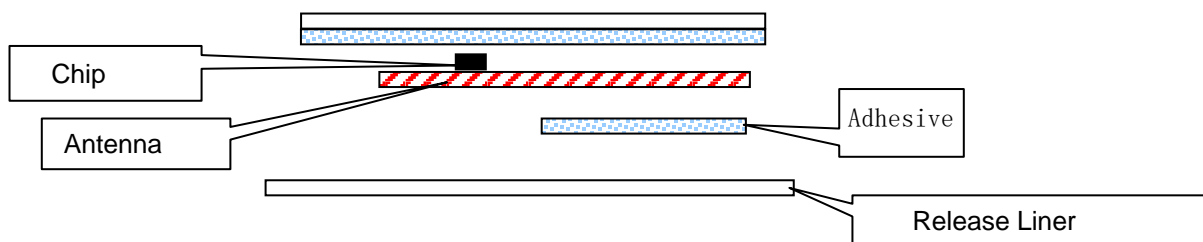
Unwinding
Direction



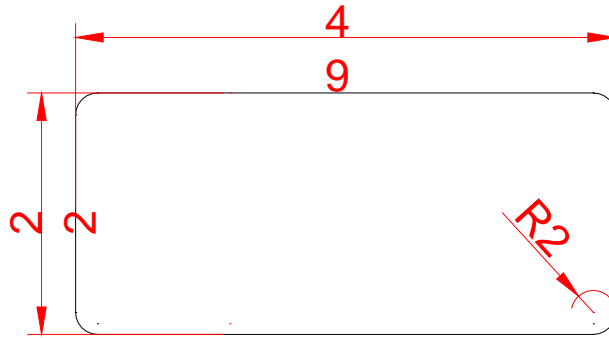
1.2 dimensions

No.	Item	Parameters mm
1	Inlay Length	22.00±1.00
2	Inlay Width	40.00±1.00
2'	Glue width	28.00±2.00
8	Label Length	22.00±0.50
9	Label Width	49.00±0.50
10	Label Corner Radius	R=2.00±0.50
13	Label Edge to Liner Edge (Left)	5.50±1.50
14	Label Edge to Liner Edge (Right)	5.50±1.50
15	Label Pitch	28.575±1.500
16	Label Gap	6.575±1.500
20	Liner Width	60.00±1.00
21	Core ID	3inch(76.20±0.50)
22	Roll OD	≤200.00
35	Antenna to PET (right)	1.00±1.00
34	Antenna to PET (left)	1.00±1.00
23	Antenna Top to Label Top	2.00±1.50
25	Antenna Edge to Label Edge (Bottom)	2.00±1.50
26	Antenna Edge to Label Edge (Left)	1.00±1.00
27	Antenna Edge to Label Edge (Right)	10.00±1.00
28	Antenna Length	18.00±0.20
29	Antenna Width	38.00±0.20

1.3 Structure



1.4 label (0.5mm)



2. Electrical Characteristics

(Item)	(Description)	(Remarks)	
Manufacture / IC	Impinj/Monza R6		
Base Material	PET		
Antenna	Etched Aluminum (10 μ m) + PET (50 μ m)	Antenna Supplier:	
Protocol	ISO/IEC 18000-6C EPC Class1 Gen2		
Memory	EPC	Up to 96 Bits	Read & Write
	TID	48 Bits	Read Only
	Unique TID	48 Bits	Read Only
	Password	0	
	User	0	
Frequency	860~960MHz		
Operating Mode	Passive		
IC Life	100,000 Programming cycles, 10 years data retention		
ESD Voltage Immunity	Max. 2000V	Human being mode(HBM)	

3.1 Environment Requirement

(Temperature/Humidity for Label Attach): [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).

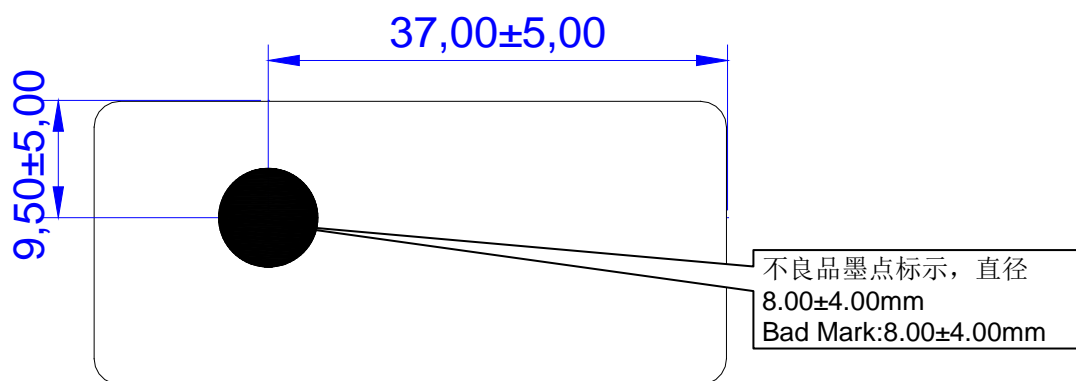
(Shelf Life):

From the date of manufacture, 1 year at $23 \pm 5^\circ\text{C}$ / $50\% \pm 10\%RH$), un-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

3.2: Our products implement the following aspects of environmental hazardous substances control : RoHS, REACH & Halogen free, PAHs and PFOS;

If you have other special environmental requirements, please specify.



Keep away from water and collision. DO NOT BEND.

No pink foam on the paper core.

5.(Packaging)

1	Shipping format	1. In roll. 2. vacuumed packing in ESD bag Note: Vacuum packing provides protection during transportation, for product storage please refer to “No. 3 Environmental Requirement”.
2	Quantity	2500pcs
3	Packaging method	8rolls/ctn(Actual Qty as per Shipping Mark)
4	Packaging pictures	