

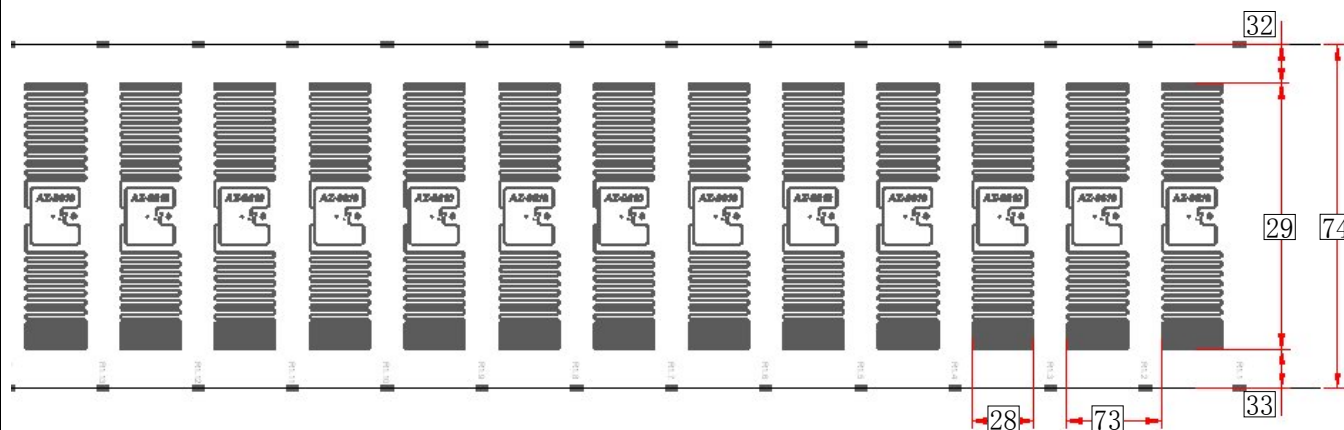
AZ-9610+H3 Dry Inlay

1. Mechanical Dimensions

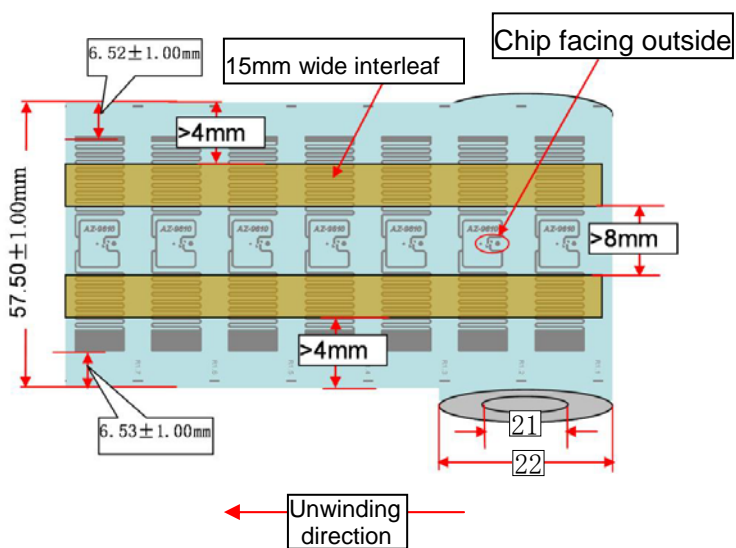
1.1 Outline



1.2 Dimensions



No.	Item	Dimensions (mm)
21	Core ID	6.04inch (153.42±0.50)
22	Roll OD	≅ 305.00
28	Antenna Length	10.32±1.00
29	Antenna Width	44.45±1.00
32	Antenna to PET(TOP)	6.52±1.00
33	Antenna to PET (Bottom)	6.53±1.00
73	Antenna Pitch	15.88±1.00
74	PET Width	57.50±1.00



2. Electrical Characteristics

Item	Description	Remark	
Chip	Alien/Higgs3		
Base material	PET		
Antenna	AI Etching(AL 10um)	Manufacturer: JP0003	
Protocol	ISO/IEC 18000-6C EPC Class1 Gen2		
Memory	EPC	96Bits	Read & Write
	TID	32Bits	Read Only
	Unique TID	64Bits	Read Only
	Password	32Bits Access 32Bits Kill	Read & Write
	User	512Bits	Read & Write
Frequency	860~960MHz		
Working mode	Passive		
Life	100,000 programming cycles, 10 years data retention.		
ESD Voltage Immunity	2000V	Human Being Model(HBM)	

3. Environment Requirements

Operating temperature/humidity: $-5\sim 60^{\circ}\text{C}$ / 20%~60% RH.

Recommended storage: $20\sim 30^{\circ}\text{C}$ / 20%~60% RH.

Shelf Life: From the date of manufacture, 1 year in vacuumed ESD bag at $20\sim 30^{\circ}\text{C}$ / 20%~60% RH.

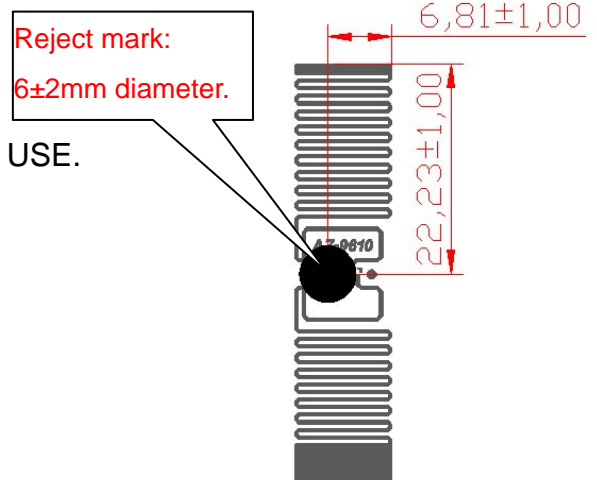
4. Handling Precautions

4.1 Inlays with ink marks are bad ones. DO NOT USE.

The position of the mark is shown as right.

4.2 Keep away from water and collision.

DO NOT BEND.



5. Packaging

Delivery form	Roll
Nominal packaging	20500±500pcs/roll, 2 rolls/carton
Special instructions	① Use two lines of 15mm interleaf to protect IC and antenna. ② Keep away from water, collision and static. ③ Delivery with the package of static-free bag.

