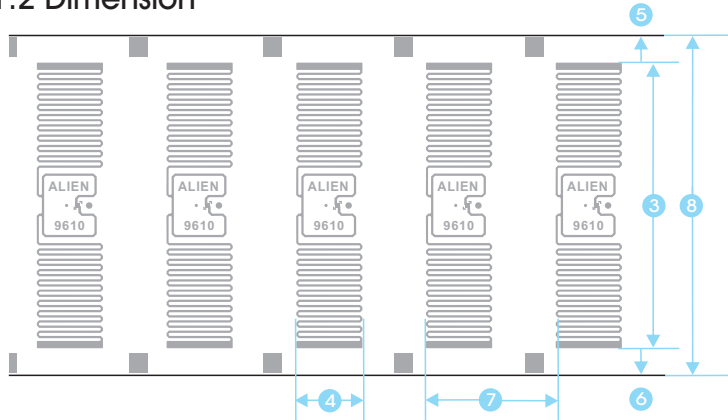


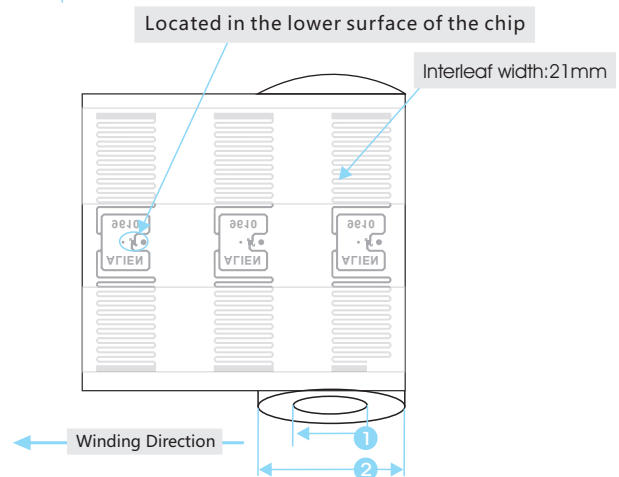
1. Physical Feature



1.2 Dimension

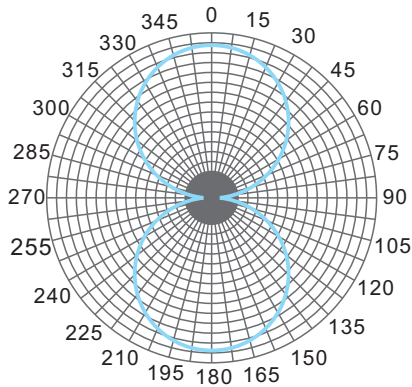


NO.	Item	Dimension mm
1	Core ID	6inch (152.4±0.5)
2	Roll OD	≤350
3	Antenna Length	44.45±0.5
4	Antenna Width	10.33±0.5
5	Web Width - a	3.775±0.5
6	Web Width - b	3.775±0.5
7	Inlay Pitch	18.596±0.5
8	Web Width	52±0.5

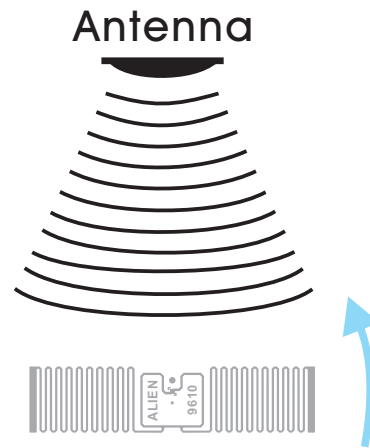


2. Electrical Specification

Item	Description	Remark
IC	Alien/Higgs3	
Substrate	PET	
Antenna Process	Aluminum ETCH (AL 9um)	
Protocols Supported	ISO/IEC 18000-6C EPC Class1 Gen2	
EPC	96Bits	Read/write
TID	64Bits	Read only
Password	32Bits Allers Password 32Bits Kill password	Read/write
User Memory	512Bits	Read/write
Operating Frequency	860~960MHz	
Operating Mode	Passive	
Write Cycles	100,000	
ESD-HBM/CDM	2000V	HBM



Angular Sensitivity
(Relative Read Range vs. Orientation)



Angular Sensitivity
Inlay is rotated in the x, y, plane about the z axis
(tag shown at 0°with respect to face of antenna)

3. Operating Warning

- 3.1 Inlays with black ink dot are for bad products, do not use. Position is shown on the right.
- 3.2 When carrying and applying inlays, keep away from water, violent bump and squeezing.
- 3.3
Operating Limits : - 40 ~ 70°C / 20% ~ 90% RH.
Storage Limits : - 20 ~ 50°C / 20% ~ 90% RH(Without condensation).
The recommended storage temperature : 20 ~ 30°C / 50% RH.

Marking of bad ones



4. Package

Inlay Format in roll

Delivery Format 20000±100pcs/roll , 1 rolls /carton

Package Format

- 1,Each roll of inlay has two strips of 21mm-width glassine paper as mounts to protect chip and antenna, so as to avoid extrusion and water vapor.
- 2,Waterproof, anti-collision, antistatic
- 3,In antistatic bags