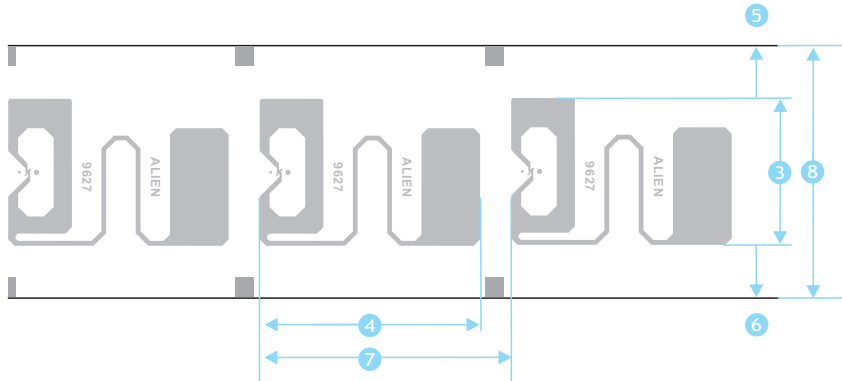


1. Physical Feature

1.1 Picture



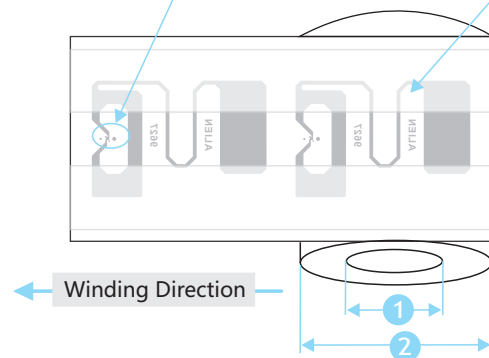
1.2 Dimension



| NO. | Item | Dimension mm |
|-----|----------------|----------------------|
| 1 | Core ID | 6inch (152.4±0.5) |
| 2 | Roll OD | ≤350 |
| 3 | Antenna Length | 30±0.5 |
| 4 | Antenna Width | 45±0.5 |
| 5 | Web Width - a | 9±0.5 |
| 6 | Web Width - b | 9±0.5 |
| 7 | Inlay Pitch | 52.07±0.5 |
| 8 | Web Width | 48±0.5 |

Chip is under the antenna

Interleaf width:21mm



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 |

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 10000±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 |