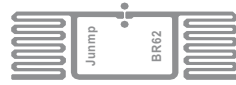
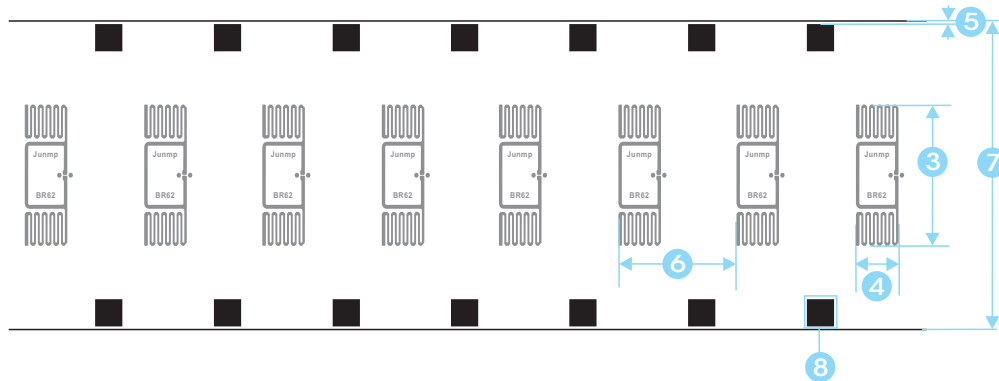


1. Physical Feature

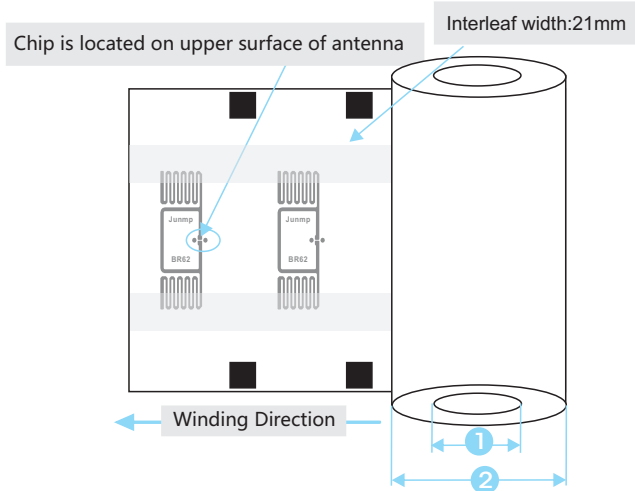
1.1 Picture



1.2 Dimension



NO.	Item	Dimension mm
1	Core ID	3inch (76.2±0.5)
2	Roll OD	≤225
3	Antenna Length	22±0.5
4	Antenna Width	7.5±0.5
5	Distance from mark to PET edge	0.5
6	Inlay Pitch	18.596±0.5
7	Web Width	48±0.5
8	Mark	4*4



2. Electrical Specification

Item	Description	Remark
IC	Impinj/Monza R6	
Substrate	PET	
Antenna Process	Aluminum ETCH (AL 9um)	
Protocols Supported	ISO/IEC 18000-63 EPC Class1 Gen2	
EPC	96 Bits	Read/write
TID	48 Bits	Read only
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.

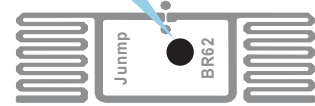
3.3

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