

UHF Tag – AZ-G62

UHF Tag AZ-H65 is one of many Universal Smart Card designs offering a small RFID UHF antenna design in a range of packaging options.

They are suitable for brand protection, supply chain management particularly in retail and garment tagging as well as pharmaceutical and healthcare.

The AZ-65 tag has an antenna size of 14 x 70mm with an Impinj Monza R6 Integrated Circuit (IC). This is according to the EPC Gen2 Standard / ISO18000-6C at a frequency between 860-960 MHz.

The AZ-65 is available in three formats or packaging depending on the needs of the customer:

- Dry Inlay
- Wet-Inlay
- Paper Label

Markets & Applications:

- Logistics Asset Tracking
- Metallic assets
- Pallet tracking
- Cases, baggage

Colours Available:

- Black

Product Specification:

Tag Size/Dimensions: 135x22x12mm

Antenna Size: 94.8x8.15mm

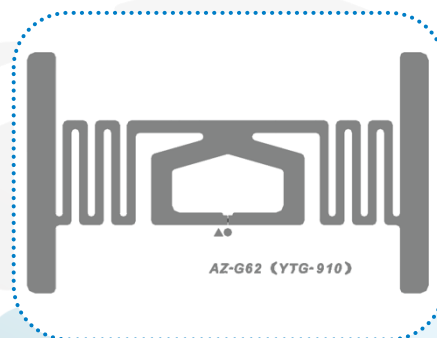
Weight: 7g

Material: ABS

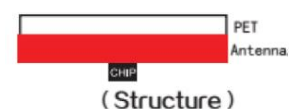
Application Temp: -15°C to 70°C

Customisation/ Personalisation Options:

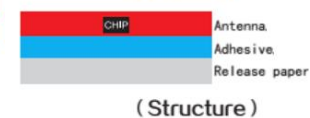
- Ink-jetted printed serial number
- Logo
- Encoding



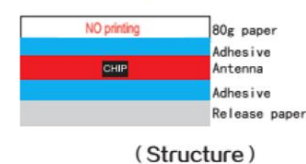
Dry Inlay



Wet Inlay



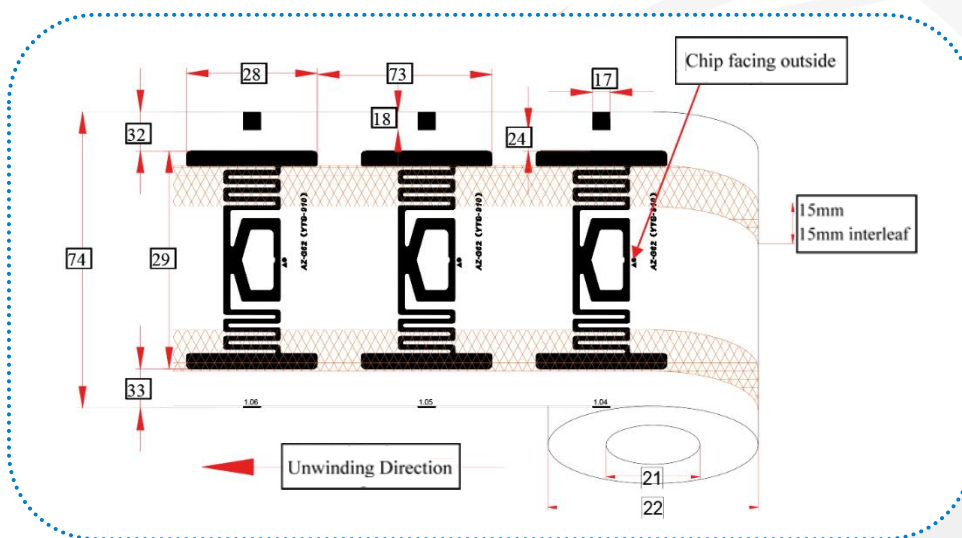
Paper Label



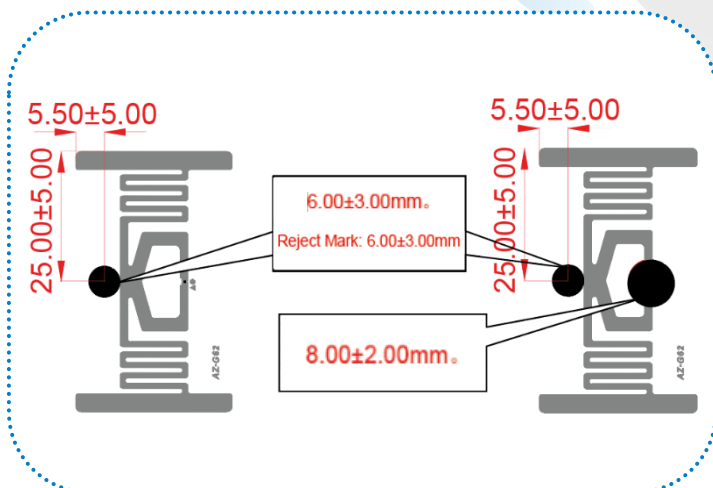
| IC Type | Memory | Frequency | IC Life | Reading Distance |
|----------------|---|-------------|---|------------------|
| Alien Higgs H3 | EPC: 96 bits TID: 64 bits USRES: 512 bits | 860-960 MHz | 100,000 programming cycle, 10 years data retention | 3-8 metres |

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Mechanical Characteristics:



| No. | Item | Parameter (mm) |
|-----|-------------------------|-----------------------|
| 17 | Mark Length | 4.00±0.20 |
| 18 | Mark Width | 4.00±1.00 |
| 24 | Mark to Antenna (Top) | 4.35±0.20 |
| 21 | Core ID | 6.04inch(153.42±0.50) |
| 22 | Roll OD | ≤295.00 |
| 28 | Antenna Length | 15.00±0.20 |
| 29 | Antenna Width | 40.00±0.20 |
| 32 | Antenna to PET (Top) | 8.50±1.00 |
| 33 | Antenna to PET (Bottom) | 8.50±1.00 |
| 73 | Antenna Pitch | 21.59±0.50 |
| 74 | PET Width | 57.00±1.00 |



Handling Precautions:

Inlays with ink marks are bad ones, do not use.
The position of the mark is as shown, to the left.

Keep away from water and collisions, do not bend.

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Packaging:



Material: Plastic, waterproof, neutral packaging.

Qty/bag: 15 pieces.

Qty/carton: 1,080 pieces.

Dimensions: 23x21x51cm.

Temperature/Humidity:

- Operating Temperature/Humidity: [-15°C to +70°C] 20% to 90% RH Non-condensing.
- Storage Temperature/Humidity: [-25°C to +50°C] 20% to 90% RH Non-condensing.

Shelf Life:

From the date of manufacture, 2 year in vacuumed bag at +23°C±5°C / 50%±10%RH).