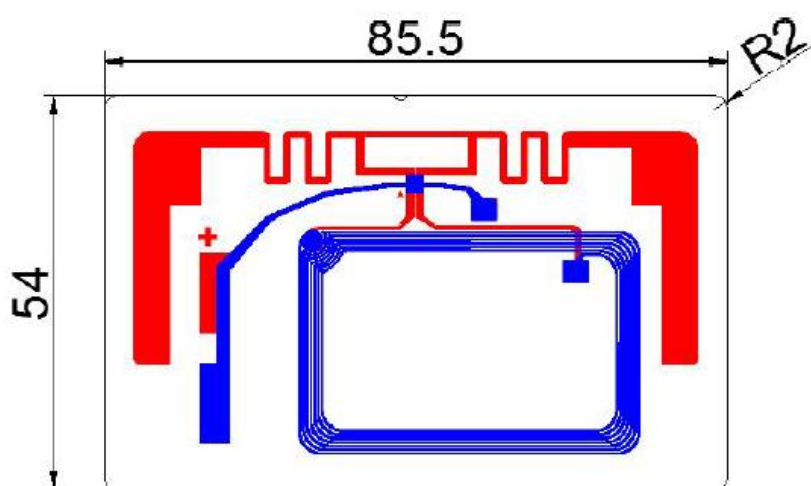


A photograph of a film strip. The leftmost frame shows a negative image of a computer monitor with a dark screen and a light-colored frame. The two frames to the right are blank and light-colored.

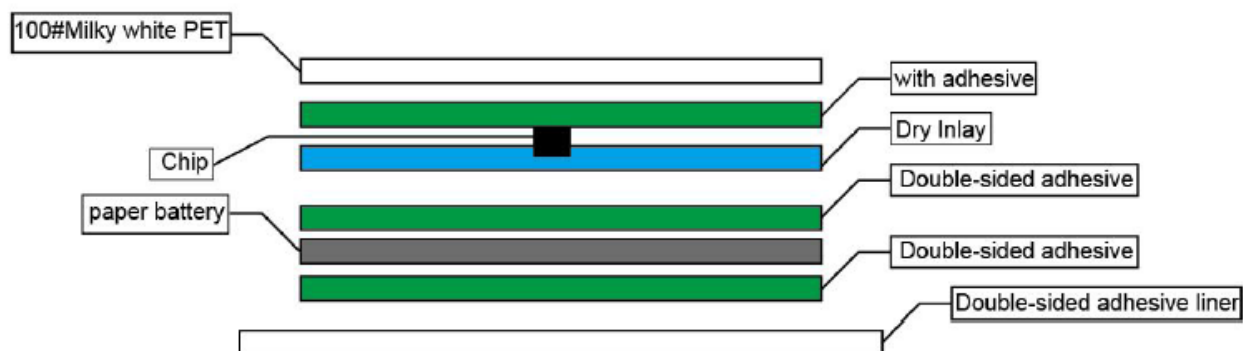
1.1 Appearance



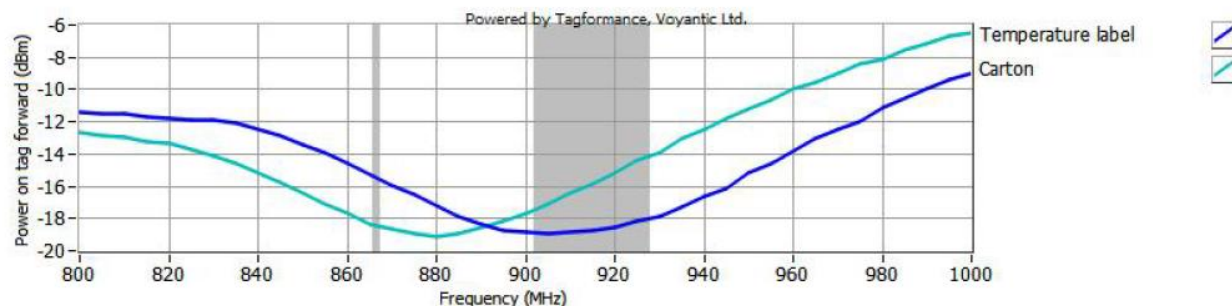
1.3 Dimensions Deviation

| No. | Item | Parameters (mm) |
|-----|-----------------------------------|-----------------|
| 1 | Inlay Length | 77.5±0.20 |
| 2 | Inlay Width | 44±0.20 |
| 3 | Inlay right to label right | 4.0±1.0 |
| 4 | Inlay left to label left | 4.0±1.0 |
| 5 | Label Length | 85.5±0.5 |
| 6 | Label Width | 54±0.5 |
| 7 | Label Corner Radius | R=2±0.5 |
| 8 | Label Edge to Liner Edge (Top) | 8.0±1.0 |
| 9 | Label Edge to Liner Edge (Bottom) | 8.0±1.0 |
| 10 | Label Pitch | 292±0.5 |
| 11 | Label Gap | 6.5±0.5 |
| 12 | Liner Width | 70±1.0 |
| 13 | Core ID | |
| 14 | Roll OD | |
| 15 | Inlay Top to Label Top | 5.0±1.0 |
| 16 | Inlay Edge to Label Edge (Bottom) | 5.0±1.0 |
| 17 | Antenna Length | 77.5±0.2 |
| 18 | Antenna Width | 44±0.2 |

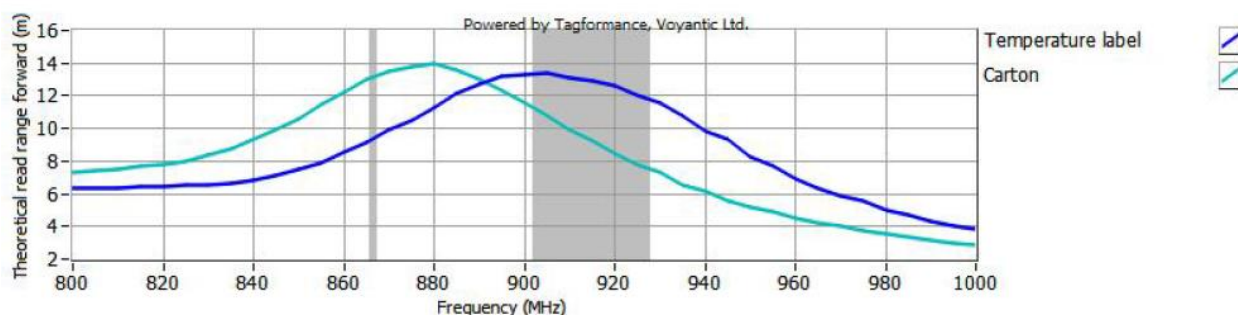
1.4 Structure



Sensitivity



Read Rang



2. Electrical Characteristics

| Item | | Description | Remarks |
|------------------------------|----------|---|--------------|
| Manufacture / Chip | | FM13DT160 | |
| Base Material | | PET | |
| Antenna | | Al(30μm)+PET(50μm)+Al(10μm) Al Etching Al(30μm) + PET(50μm) + Al bridge (10μm) | |
| Protocol | | ISO/IEC 14443- A EPC Global C1G2 V1.2.0 | |
| Memory | EPC | 160k bits | Read Only |
| | TID | | Memory |
| | User | 160k bits | Read & Write |
| | Password | | |
| Measurable temperature range | | -35°C~50°C | |
| Accuracy | | ±0.5°C | |
| Measuring interval | | 1 second~65535 second | |
| Paper battery working hour | | Half ayeas | |

3. Environmental Requirement

Temperature/Humidity for Label Attaching: [10°C to 40°C] 20% to 80%RH

Temperature/Humidity after Label Attached to the Products: [-20°C to +50°C] 20% to 80%RH (Environmental requirements of adhesive may vary on different materials).

Shelf Life: From the date of manufacture, 1 year at 23±5°C / 50%±10%RH), sealed in the vacuum bag and avoid direct sunlight exposure.

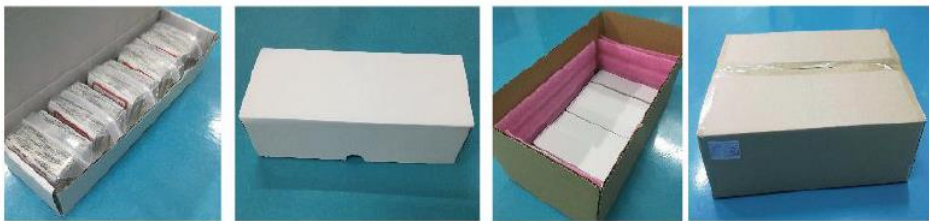
Disclaimer: Our recommendations are based on our latest knowledge and experience. We reserve all rights for final explanation.

4. Handling Precautions

4.1 Keep away from water and collision. DO NOT BEND.

4.2 Special requirement : NONE

5. Packaging

| | | |
|---|---------------------|--|
| 1 | Shipping format | Stacking |
| 2 | Quantity | 100pcs/packet |
| 3 | Packaging method | 12 packets/box (Actual Qty as per Shipping Mark) |
| 4 | Packaging pictures |  |
| 5 | Special requirement | The carton was sealed without gaps |