

### Web Paper Tag

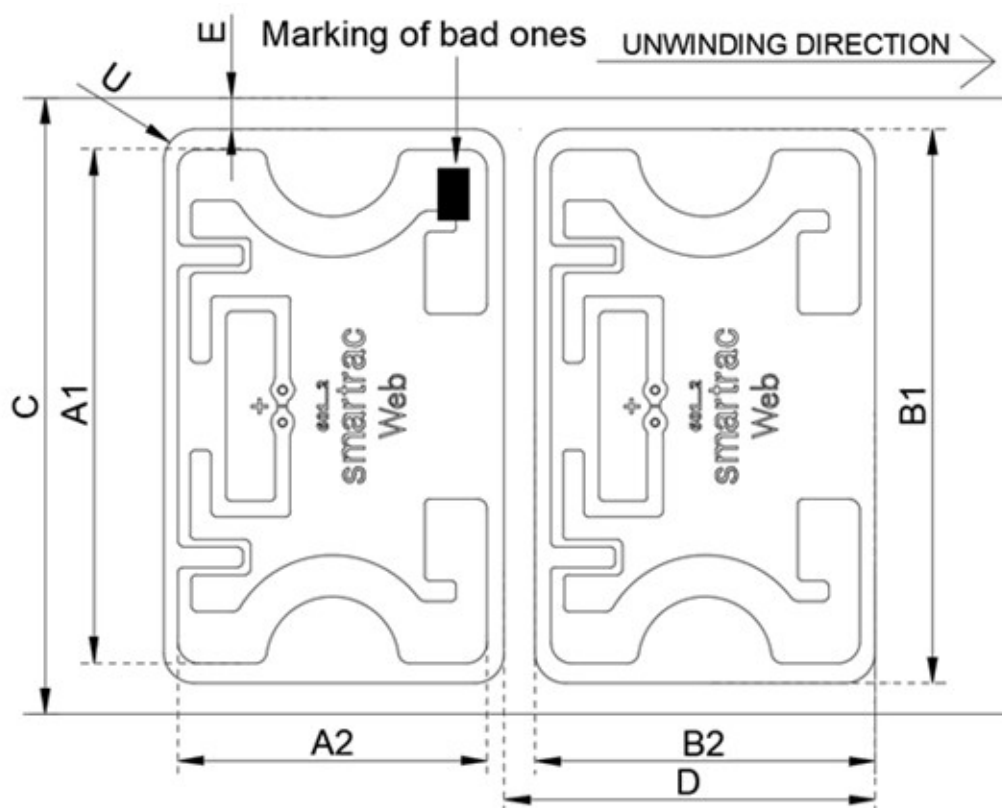
EPC Class 1 Gen 2, ISO 18 000-6C

Impinj M730

Sales code 3007808

### Mechanical dimensions

|         |                            |            |          |                  |
|---------|----------------------------|------------|----------|------------------|
| A1 x A2 | Antenna size               | 50 x 30 mm | ± 0,5 mm | 1,969 x 1,181 in |
| B1 x B2 | Die-cut size               | 54 x 33 mm | ± 0,2 mm | 2,126 x 1,299 in |
| C       | Web width                  | 60 mm      | ± 0,5 mm | 2,362 in         |
| D       | Pitch, length per piece MD | 36 mm      | ± 1,5 mm | 1,417 in         |
| E       | Die-cut to web edge        | 3 mm       | ± 1,5 mm | 0,118 in         |
| U       | Die-cut corner radius      | 3 mm       |          |                  |



### Electrical characteristics

|                         |                                 |
|-------------------------|---------------------------------|
| Integrated Circuit (IC) | Impinj M730                     |
| Air interface protocol  | EPC Class 1 Gen 2, ISO 18000-63 |
| Operation frequency     | 860 - 960 MHz                   |
| Memory                  | 128 bit EPC                     |

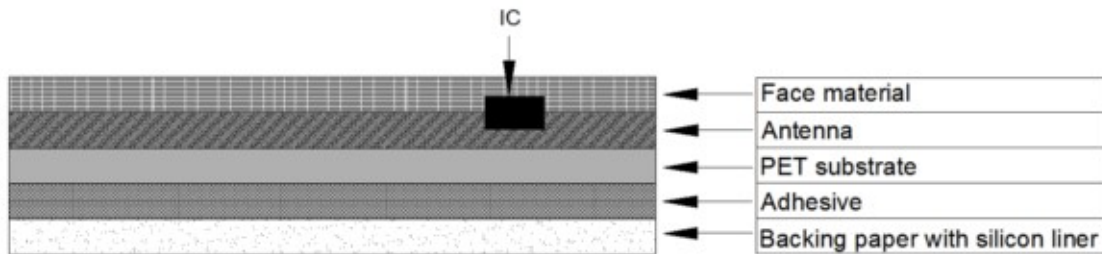
### General characteristics of transponder

|   |                                 |                 |
|---|---------------------------------|-----------------|
| Operating temperature (electronics parts)           | -40 °C / +85 °C                 | -40 °F / 185 °F |
| ESD voltage immunity                                | ± 2 kV peak HBM                 |                 |
| Shelf life: From the date of manufacture 2 years in | +20 °C, 50 % RH                 | 68 °F, 50 % RH  |
| Bending diameter (D)                                | > 50 mm, tension less than 10 N |                 |

### Delivery form

|                              |   |                |
|------------------------------|---|----------------|
| Transponder format           | Die-cut   |                |
| Transponder face material    | Mid-gloss paper   |                |
| Transponder antenna material | Aluminum  |                |
| Transponder adhesive         | RA-5  |                |
| - labelling temperature      | min. +0 °C  | min. 32 °F     |
| - usage temperature          | -20 °C - 80 °C  | -4 °F - 176 °F |
| - peel                       | min. 10 N / 25 mm (FTM 1)   |                |
| Final inspection             | 100 %, known faulty ones marked   |                |
| Minimum delivery yield       | 97 %  |                |
| Reel Label                   | Reel number, Material number, Material description, Yield, Qty of functional inlays, Qty of non-functional inlays, Date |                |

### Structure



### Delivery details

|                     |  |
|---------------------|--|
| Appearance          | Single row reel form                           |
| Reel core           | Paper core inner diameter 76 mm (3 in)         |
| Winding of the reel | Face out                                       |
| Reel size           | 3000 pcs/reel Diameter: max. OD 203,2MM/ 8"    |
| Package size        | 9000 pcs/box Deliveries only in full packages. |

**Disclaimer:**

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This technical specification replaces all earlier ones.

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