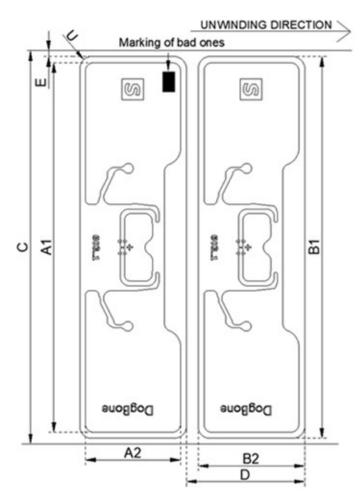




DogBone Paper Tag EPC Class 1 Gen 2, ISO 18000-63 Impinj M730 Sales code 3008054

## **Mechanical dimensions**

A1 x A2	Antenna size	94 x 24 mm	± 0,5 mm	3,701 x 0,945 in
B1 x B2	Die-cut size	97 x 27 mm	± 0,2 mm	3,819 x 1,063 in
С	Web width	100 mm	± 0,5 mm	3,937 in
D	Pitch, length per piece MD	30 mm	± 1,5 mm	1,181 in
E	Die-cut to web edge	1,5 mm	± 1,5 mm	0,059 in
U	Corner radius	3 mm		0,118 in



### **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	

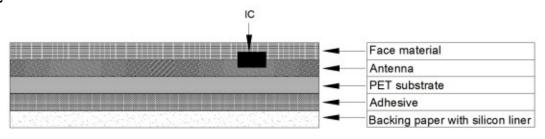
# General characteristics of transponder

Operating temperature	-40 °C / +85 °C	-40 °F / 185 °F
(electronics parts)		
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	1 10 N

## **Delivery form**

Transponder format	Die-cut
Transponder face material	Mid-gloss paper
Transponder antenna material	Aluminum
Transponder adhesive	RA-2
- labelling temperature	min. +5 °C min. 41 °F
- usage temperature	-40°C - 150 °C
- peel	min. 15 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
Package size	6000 pcs/box Deliveries only in full packages.

#### Disclaimer:

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This technical specification replaces all earlier ones.

Version

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Approved SMARTRAC / 5/21/2021 Kelvin Low/Smartrac

