



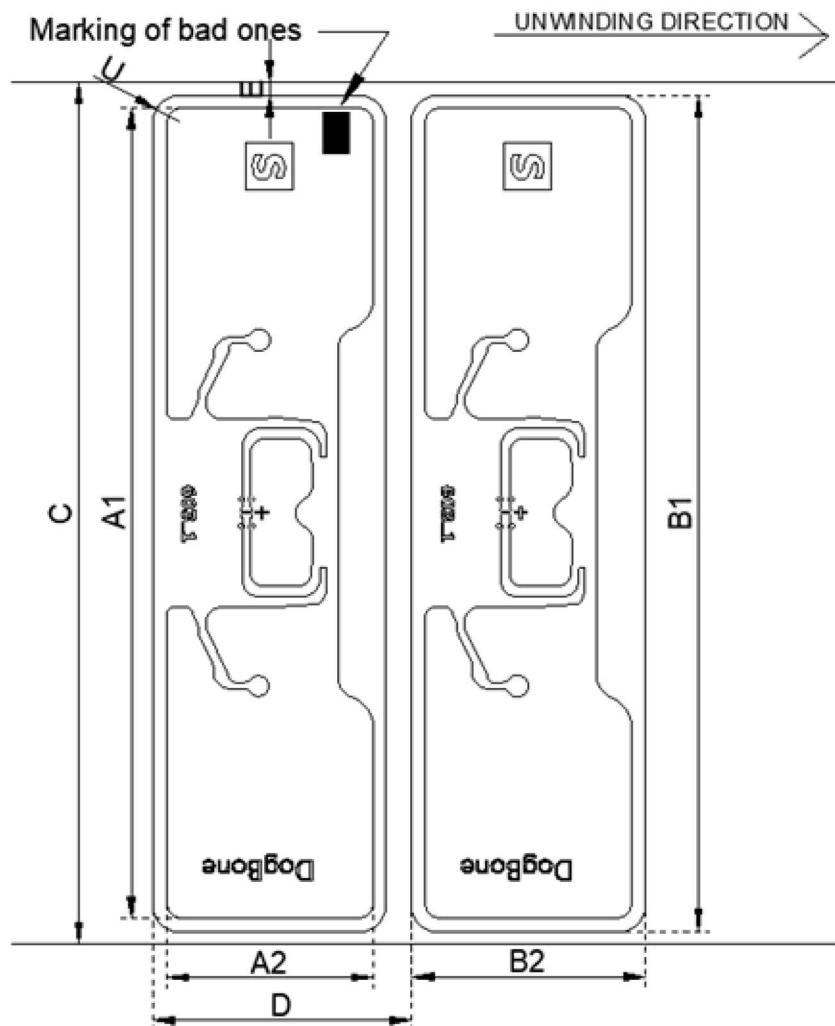
DogBone White Wet Inlay  
 Impinj M730  
 EPC Class 1 Gen 2, ISO 18 000-63  
 Sales Code 3008356

Item Code : IL-604254

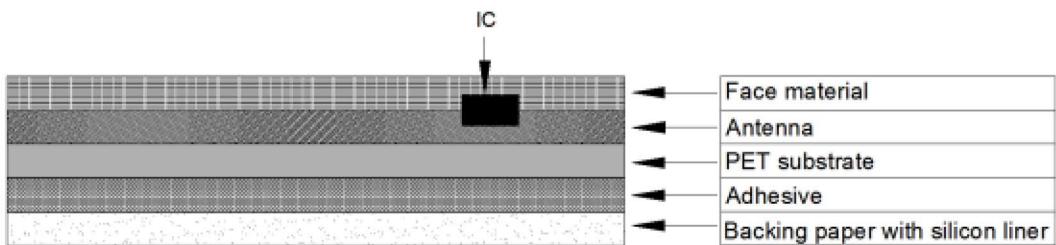
### Thicknesses

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
C	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

### Layout



### Product Structure



### Electrical characteristics

Chip (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 Product

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	
User instructions		

### Delivery form

Orientation	Rectangular/Oval	
Transponder format	Die-cut	
Top Layer Group	White PET 50	
Antenna Material / Substrate Group	Aluminum	
Functional Adhesive Group	RA-2	
- labelling temperature	min. +5 °C	min. 41 °F
- usage temperature	-40°C - 150 °C	-40 °F - 302 °F
- peel	min. 15 N / 25 mm (FTM 1)	
Known Bad Ones	100 %, known faulty ones marked	
- Max amount of consecutive bad ones		
- Max amount of consecutive missing ones"		
- Max amount of splices per roll		
- Type of splicing tape		
- Splice type		
- Additional Comments		
Minimum yield	97 %	
Reel Label	Reel number, Material number, Material description, Yield, Qty of functional inlays, Qty of non-functional inlays, Date	

### Delivery details

Finishing	Single row reel form
Reel core	Paper core inner diameter 76 mm (3 in)
Winding	Face out
Quantity per Roll (Each)	3000 pcs/reel
Rolls Per Box	
Box Quantity	6000 pcs/box Deliveries only in full packages.
Sheets Per Pack ( each)	
Max Diameter	

Created by:

10/27/2021 TKailasvuo

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This technical specification replaces all earlier ones.

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