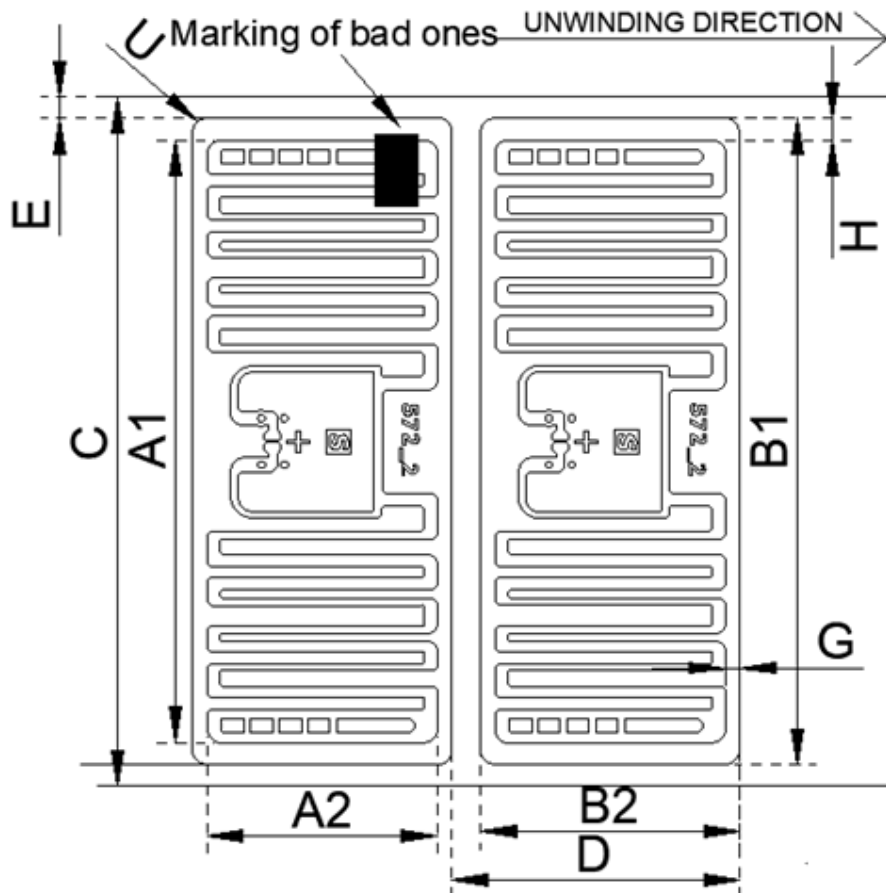


MiniWeb Global Label  
 EPC Class 1 Gen 2, ISO 18 000-63  
 Impinj M730  
 Sales Code 3008131

Item Code : IL-600039

**Mechanical dimensions**

A1 x A2	Antenna size	42 x 16 mm	± 0,5 mm	1.654 x 0.630 in
B1 x B2	Die-cut size	45 x 18 mm	± 0,2 mm	1.772 x 0.709 in
C	Web width	48 mm	± 0,5 mm	1.890 in
D	Pitch, length per piece MD	20 mm	± 1,5 mm	0.787 in
E	Die-cut to web edge	1.5 mm	± 1,5 mm	0.059 in
G	Antenna to die-cut (MD)	1 mm	± 1,5 mm	0.039 in
H	Antenna to die-cut (CD)	1.5 mm	± 1,5 mm	0.059 in
U	Radius	1mm		0,039 in
	Marking of bad ones	5x3 mm		0.197 x 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

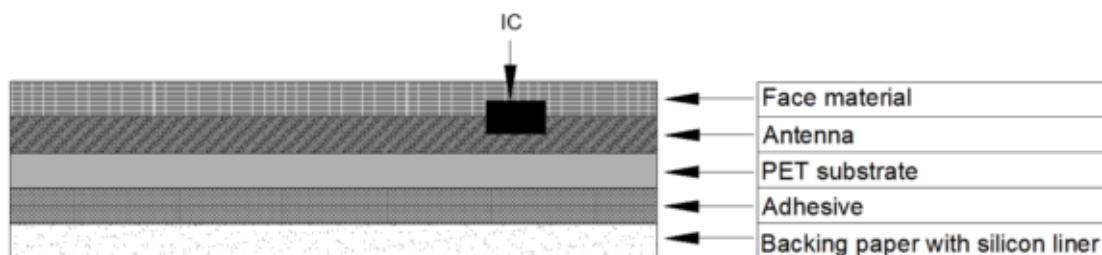
## General characteristics of transponder

Operating temperature (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	White PET 50	
Transponder antenna, antenna carrier	Aluminum	
Transponder adhesive	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)	
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	5000 pcs/reel
Package size	20000 pcs/box Deliveries only in full packages.

### Disclaimer:

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This technical specification replaces all earlier ones.

Version 1  
 Update date 21 July 2021  
 Author SMARTRAC / TKailasvuo

Approved

SMARTRAC / 21/07/2021 SKarpinski

