

Web Wet Inlay

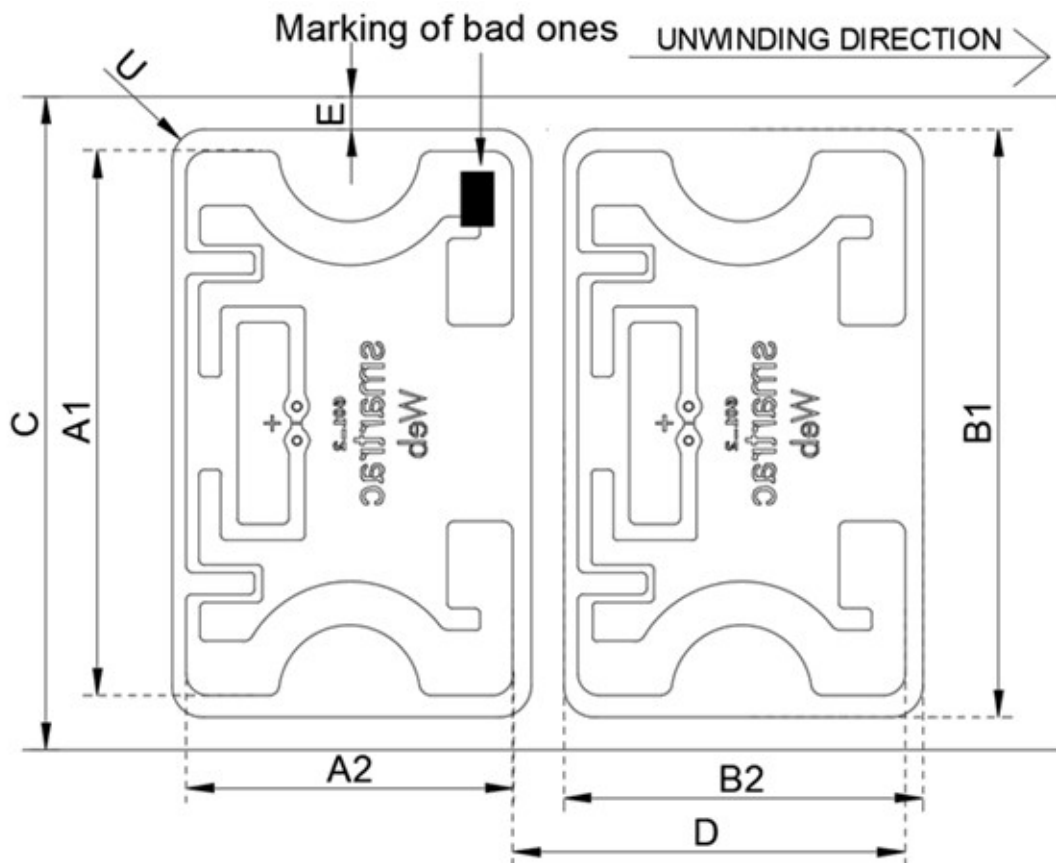
EPC Class 1 Gen 2, ISO 18 000-6C

Impinj M730

Sales code 3007807

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	3mm		



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	

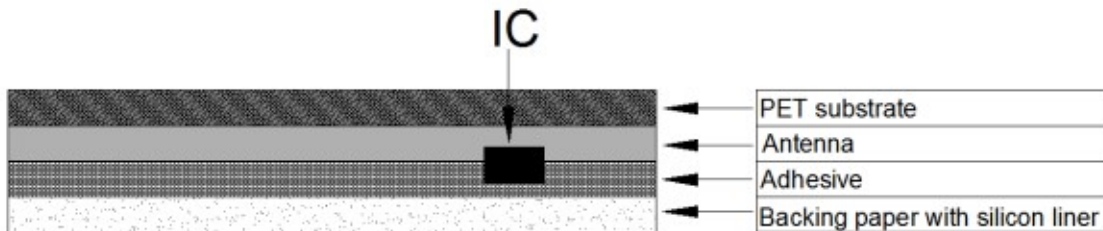
General characteristics of transponder

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	Clear PET 50	
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	15 000 pcs/reel
Package size	45 000 pcs/box Deliveries only in full packages.

Disclaimer:

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This technical specification replaces all earlier ones.

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