

Mini Wet Inlay

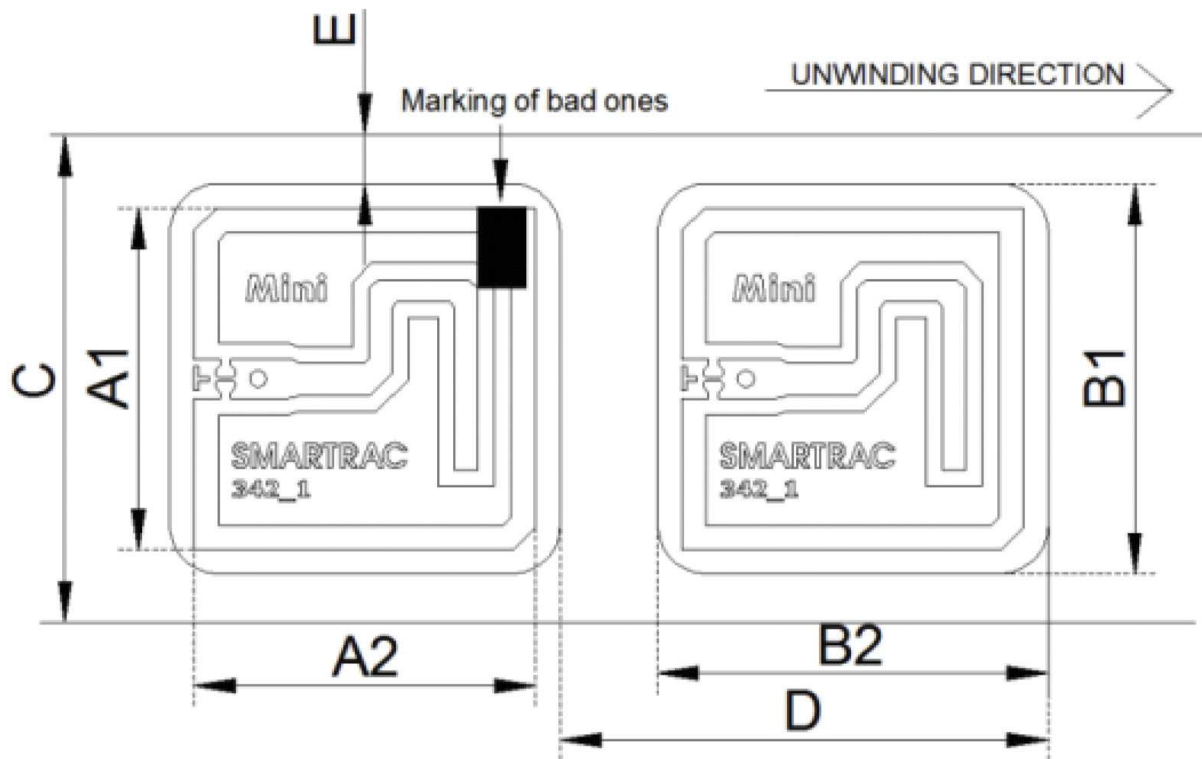
EPC Class 1 Gen 2, ISO 18 000-6C

Impinj Monza5

Sales code 3002393

Mechanical dimensions

A1 x A2	Antenna size	21 x 21 mm	± 0,5 mm	0,827 x 0,827 in
B1 x B2	Die-cut size	24 x 24 mm	± 0,2 mm	0,945 x 0,945 in
C	Web width	30 mm	± 0,5 mm	1,181 in
D	Pitch, length per piece MD	30 mm	± 1,5 mm	1,181 in
E	Die-cut to web edge	3 mm	± 1,5 mm	0,118 in



Electrical characteristics

Integrated Circuit (IC)	Impinj Monza5
Air interface protocol	EPC Class 1 Gen 2, ISO 18 000-6C
Operation frequency	860 - 960 MHz
Memory	128 bit EPC

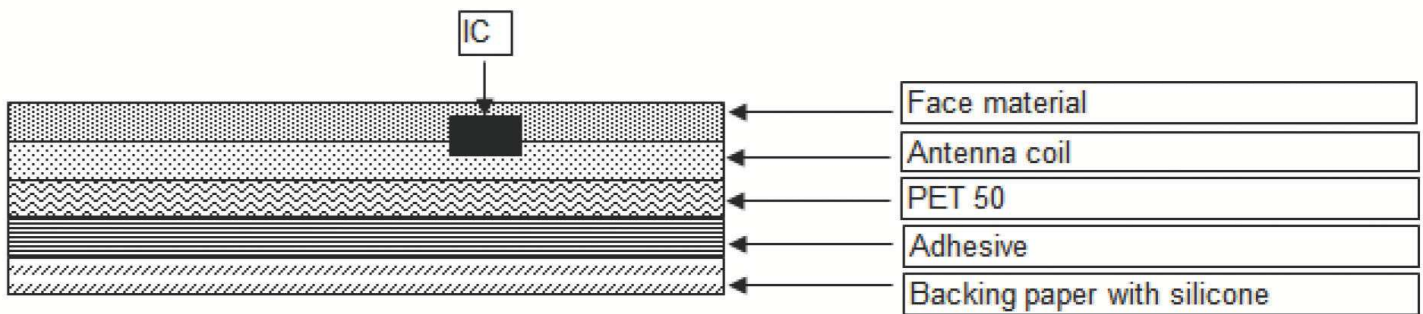
General characteristics of transponder

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 12	
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. 2 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	Card board core, inner diameter 76 mm (3in)
Winding of the reel	Face out
Package size	15000 pcs/box Deliveries only in full packages.

Disclaimer:

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This technical specification replaces all earlier ones.

Version 1
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