

MiniWeb FCC Wet Inlay

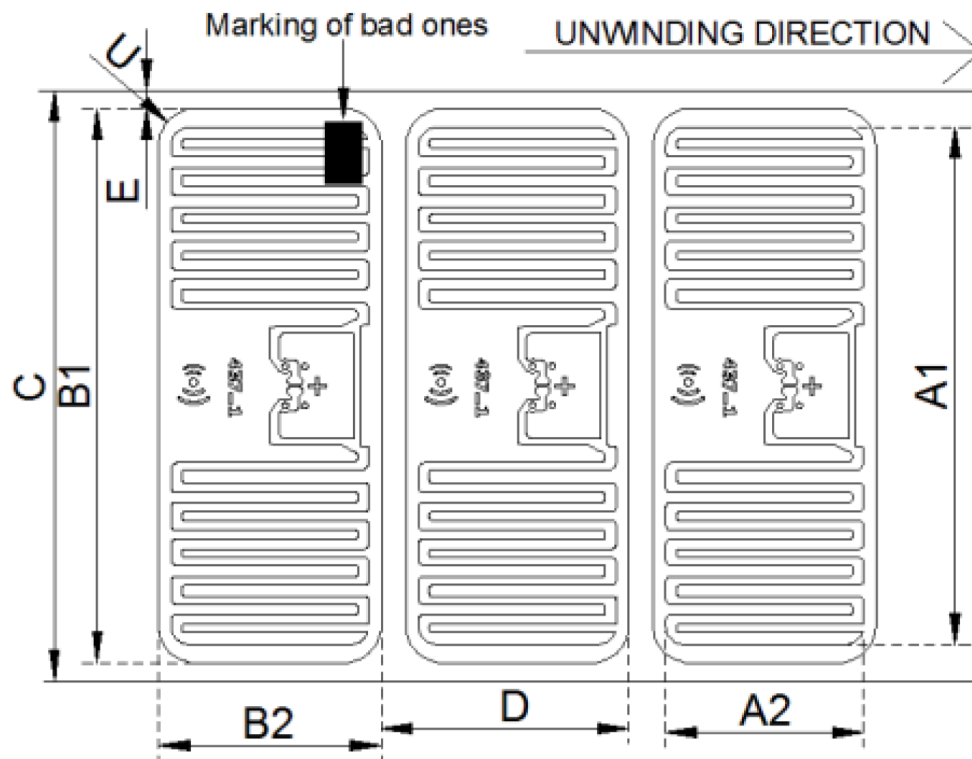
EPC Class 1 Gen 2, ISO 18 000-6C

Impinj Monza R6

Sales code 3004858

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
U	Die-cut corner radius	3 mm		0,118 in



Electrical characteristics

Integrated Circuit (IC)	Impinj Monza R6
Air interface protocol	EPC Class 1 Gen 2, ISO 18 000-6C
Operation frequency	860 - 960 MHz
Memory	96 bit

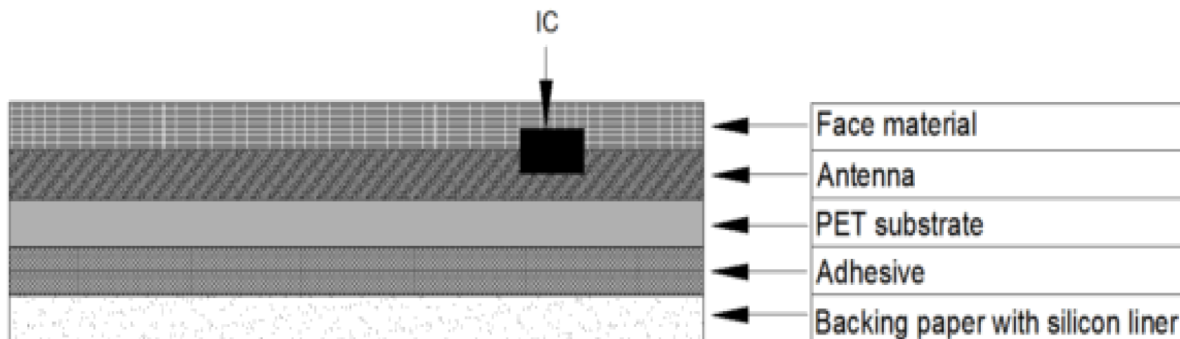
General characteristics of transponder

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. 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	10000 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	13 July 2015
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Approved	SMARTRAC / 13.7.2015 k036773



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