

MiniWeb FCC Inlay

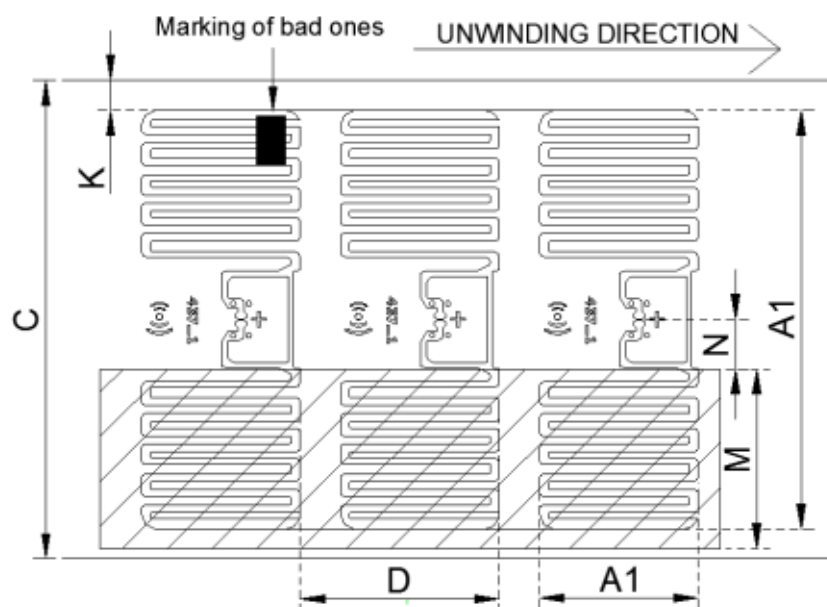
EPC Class 1 Gen 2, ISO 18 000-6C

Impinj Monza R6

Sales code 3004855

Mechanical dimensions

A1 x A2	Antenna size	42 x 16 mm	± 0,5 mm	1,654 x 0,630 in
C	Web width	48 mm	± 0,5 mm	1,890 in
D	Pitch, length per piece MD	20 mm	± 0,5 mm	0,787 in
K	Antenna to web edge	3 mm	± 1,0 mm	0,118 in
M	Maximum Interleaf width	18 mm	± 1,0 mm	0,709 in
N	Interleaf edge to IC	5 mm	± 2,5 mm	0,197 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

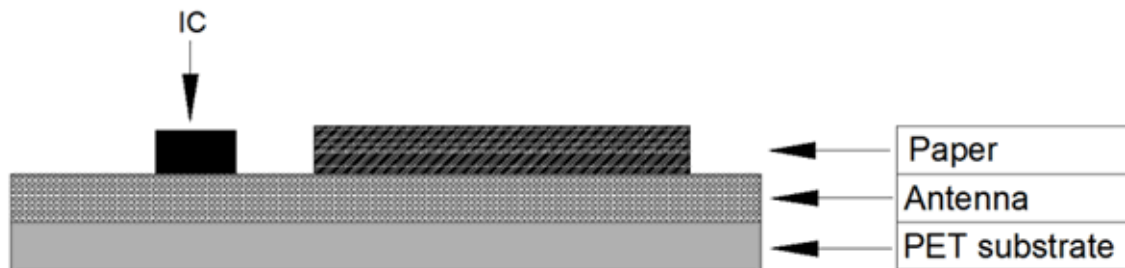
General characteristics of transponder

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	Continuous 1-wide
Transponder face material	No face
Transponder antenna material	Aluminum
Final inspection	100 %, known faulty ones marked
Minimum delivery yield	95 %
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

Disclaimer:

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Products classified as CES samples have the released for production (RFP) product's form factor, RF performance and IC functionality. CES samples represent the RFP products in most aspects. CES samples are delivered without any warranty. During the CES phase, SMARTRAC reserves the right to modify product specifications without notice.

This technical specification replaces all earlier ones.

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