

Frog 3D Dry Inlay

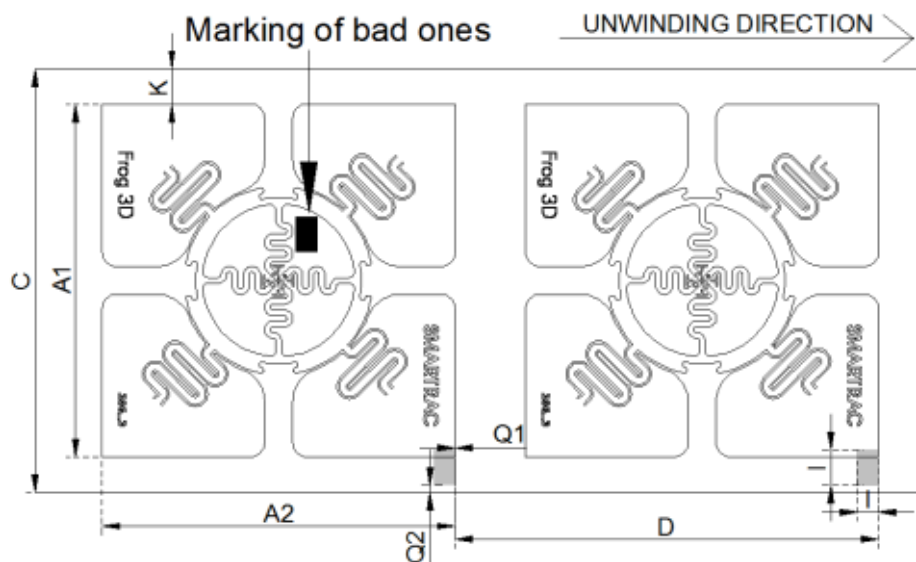
EPC Class 1 Gen 2, ISO 18 000-6C

Impinj Monza 4QT

Sales code 3002011

Mechanical dimensions

A1 x A2	Antenna size	50 x 50 mm	± 0,5 mm	1,969 x 1,969 in
C	Web width	60 mm	± 0,5 mm	2,362 in
D	Pitch, length per piece MD	60 mm	± 0,5 mm	2,362 in
K	Antenna coil to web edge	5 mm	± 1,0 mm	0,197 in
Q1	Antenna to register mark	0 mm	± 1,0 mm	0,000 in
Q2	Register mark to web edge	1 mm	± 1,0 mm	0,039 in
l	Minimum size of register mark (width x length)	5 x 3 mm		0,197 x 0,118 in



Electrical characteristics

Integrated Circuit (IC)	Impinj Monza 4QT
Air interface protocol	EPC Class 1 Gen 2, ISO 18 000-6C
Operation frequency	860 - 960 MHz
Memory	128 bit EPC + 512 bit

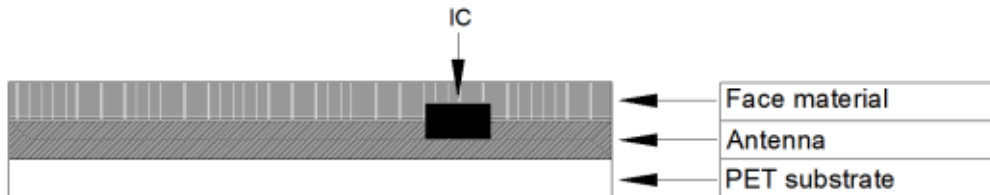
General characteristics of transponder

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	Clear PET 12
Transponder antenna material	Aluminum
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 (0% -- +5%) pcs/reel
Package size	5000 pcs/box Deliveries only in full packages.

Disclaimer:

SMARTRAC reserves the right to change its products and services at any time without notice. Our recommendations are based on our best knowledge and experience. As the products are used outside our control we cannot take responsibility for any damage that may be caused when using the product. Use extra care in handling the product.

This technical specification replaces all earlier ones.

Version 4
 Update date 24 February 2017
 Author SMARTRAC / k731743
 Approved SMARTRAC / 24.2.2017 k734581

