

HF 39 x39 mm Dry Inlay

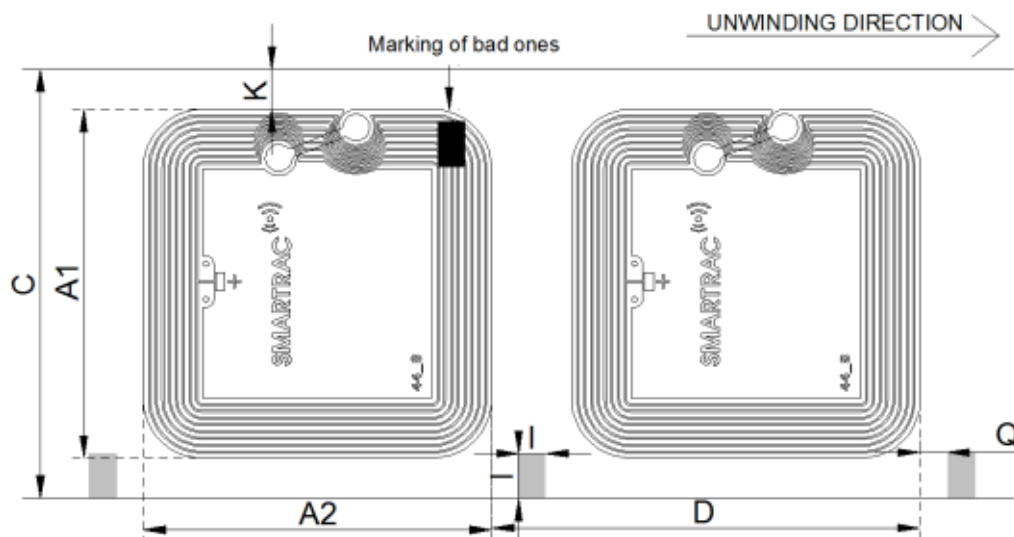
ISO 15 693, ISO 18 000-3 Mode 1

NXP ICode SLI

Sales code 3001462

Mechanical dimensions

A1 x A2	Antenna size	39 x 39 mm	± 0,5 mm	1,535 x 1,535 in
C	Web width	48 mm	± 0,5 mm	1,890 in
D	Pitch, length per piece MD	48 mm	± 0,5 mm	1,890 in
K	Antenna to web edge	4,5 mm	± 1,0 mm	0,177 in
Q	Antenna to register mark	3 mm	± 1,0 mm	0,118 in
I	Minimum size of register mark (width x length)	5x3 mm		0,197 x 0,118 in
	Thickness of the IC	150 µm	± 10 %	
	Overall thickness of transponder package (excluding IC)	118 µm	± 10 %	



Electrical characteristics

Integrated Circuit (IC)	NXP ICode SLI
Air interface protocol	ISO 15 693, ISO 18 000-3 Mode 1
Operation frequency	13,56 MHz
Unloaded resonance frequency	14,50 MHz ± 0,35 MHz
Memory	896 bits user memory

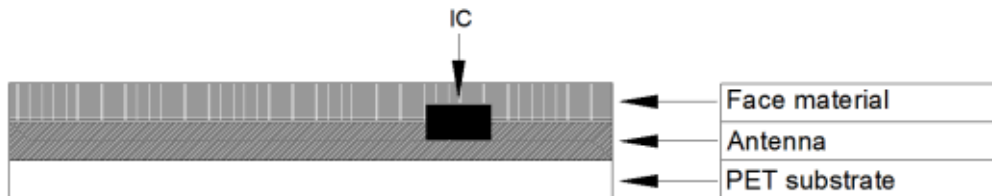
General characteristics of transponder

Operating temperature (electronics parts)	-25 °C / +85 °C	-13 °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	95 %
Reel Label	Reel number, Material number, Material description, Yield, Qty of functional inlays, Qty of non-functional inlays, Date
Printability	Needs to be tested by customer

Structure



Delivery details

Appearance	Single row reel form
Reel core	Paper core inner diameter 76 mm (3 in)
Transponder alignment	Chip at rear of transponder
Winding of the reel	Face out
Reel size	5000 pcs/reel Diameter: < 205 mm
Package size	20000 pcs/box Deliveries only in full packages.

Disclaimer:

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This technical specification replaces all earlier ones.

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