

Belt Dry Inlay

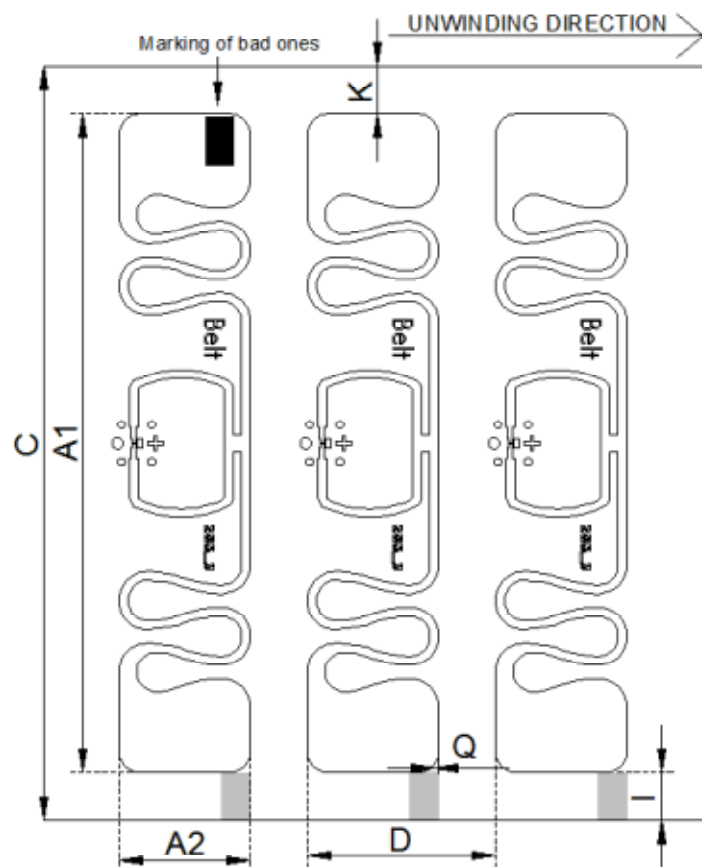
EPC Class 1 Gen 2, ISO 18 000-6C

NXP U-Code G2iL

Sales code 3001962

Mechanical dimensions

A1 x A2	Antenna size	70 x 14 mm	± 0,5 mm	2,756 x 0,551 in
C	Web width	74 mm	± 0,5 mm	2,913 in
D	Pitch, length per piece MD	20 mm	± 0,5 mm	0,787 in
K	Antenna to web edge	2 mm	± 1,0 mm	0,079 in
Q	Antenna to register mark	0 mm	± 1,0 mm	0,000 in
I	Minimum size of register mark (width x length)	5 x 3 mm		0,197 x 0,118 in



Electrical characteristics

Integrated Circuit (IC)	NXP U-Code G2iL	
Air interface protocol	EPC Class 1 Gen 2, ISO 18 000-6C	
Operation frequency	860 - 960 MHz	
Memory	128 bit EPC	

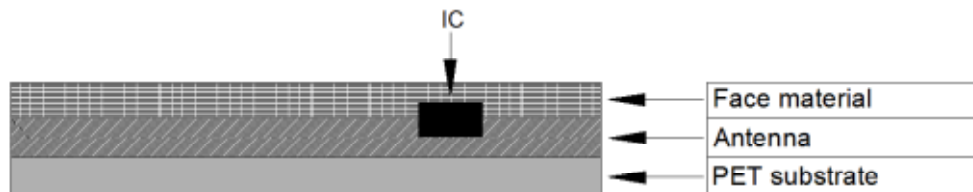
General characteristics of transponder

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	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	15000 pcs/reel Diameter: < 305 mm
Package size	15000 pcs/box Deliveries only in full packages.

Disclaimer:

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This technical specification replaces all earlier ones.

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