

Web Paper Tag

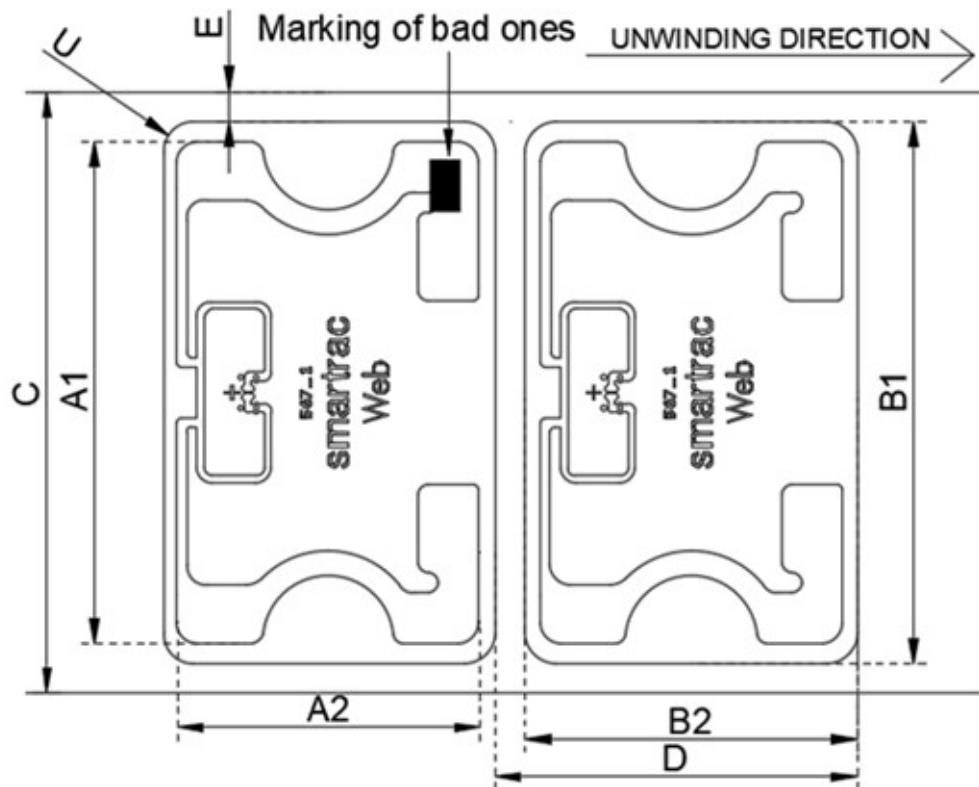
EPC Class 1 Gen 2, ISO 18 000-6C

NXP UCode 8

Sales code 3007418

Mechanical dimensions

A1 x A2	Antenna size	50 x 30 mm	± 0,5 mm	1,969 x 1,181 in
B1 x B2	Die-cut size	54 x 33 mm	± 0,2 mm	2,126 x 1,299 in
C	Web width	60 mm	± 0,5 mm	2,362 in
D	Pitch, length per piece MD	36 mm	± 1,5 mm	1,417 in
E	Die-cut to web edge	3 mm	± 1,5 mm	0,118 in
U	Die-cut corner radius	3 mm		



Electrical characteristics

Integrated Circuit (IC)	NXP UCode 8	
Air interface protocol	EPC Class 1 Gen 2, ISO 18000-63	
Operation frequency	860 - 960 MHz	
Memory	128 bit EPC	

General characteristics of transponder

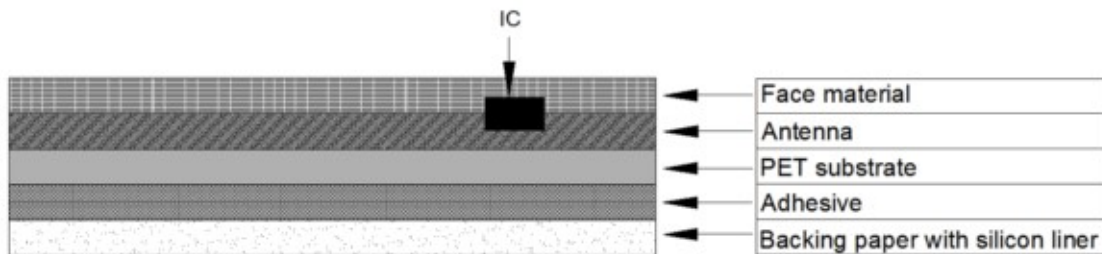
Operating temperature (electronics parts)	-40 °C / +85 °C	-40 °F / 185 °F
ESD voltage immunity	± 2 kV peak HBM	

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	Die-cut	
Transponder face material	Mid-gloss paper	
Transponder antenna material	Aluminum	
Transponder adhesive	RA-32	
- labelling temperature	min. +5 °C	min. 41 °F
- usage temperature	-20 °C - 70 °C	-4 °F - 158 °F
- peel	min. 1,8 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	2500 pcs/reel Diameter: max. OD 203,2MM/ 8"
Package size	7500 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 1
Update date 11 October 2019
Author SMARTRAC /
Approved SMARTRAC / 14/10/2019 MHasani

