

TAG SPECIFICATION

Bracket Paper Tag
Sales code 500001
NXP UCODE 7

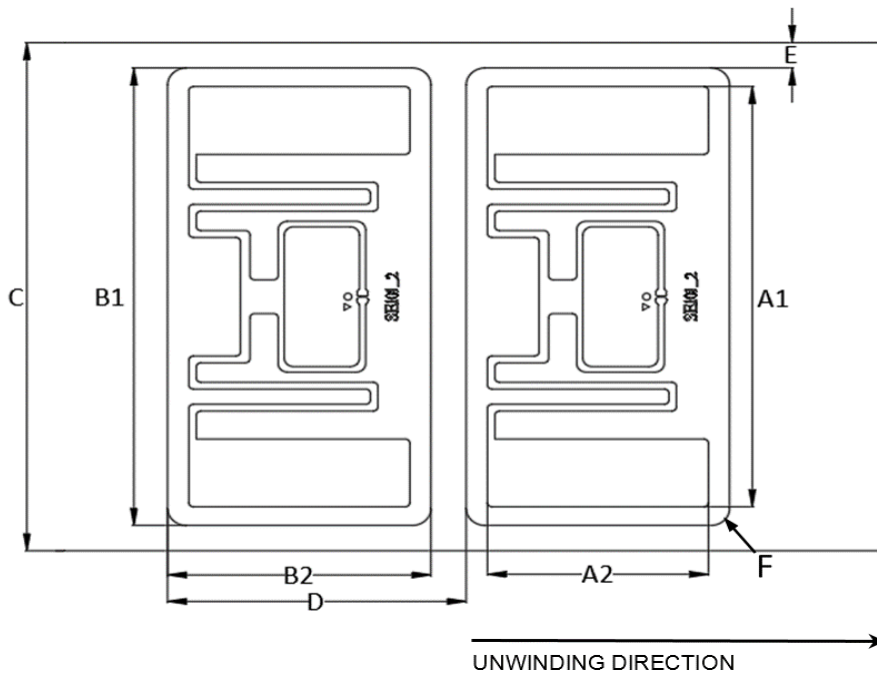


General specification and characteristics

Operating frequency	860-960 MHz
Air interface protocol	EPC Class 1 Gen 2, ISO 18 000-6C
EPC memory	128 bit
Operating temperature (electronics)	-40 °C...+85 °C / -40 °F...+185 °F
ESD voltage immunity	± 2 kV peak HBM
Shelf life: 1 year (from manufacturing date)	+20 °C / +68 °F, 50 % RH
Bending diameter	> 50 mm, tension less than 10 N

Mechanical specification

Dimension	Item	Metric [mm]	Tolerance [mm]	US [in]
A1 x A2	Antenna size	49,6 x 23,5	± 0,5	1,953 x 0,925
B1 x B2	Die-cut size	54 x 28	± 0,2	2,126 x 1,102
C	Web width	60	± 1,0	2,362
D	Pitch length per piece (MD)	31,75	± 0,5	1,25
E	Die-cut to web edge	3	± 1,5	0,118
F	Radius	2		0,079



Cross section



Tag characteristics

Tag format	Die-cut paper label on reel	
Tag face material	Art paper xx um	
Tag antenna material	Aluminium	
Tag adhesive	Permanent PSA	
- Min. labelling temperature	+5 °C	+41 °F
- Service temperature	-5...+60 °C	+23...+140 °F
- Peel min.	3 N / 25 mm (FTM 2)	

Delivery details

Min. delivery yield	100 %, defect labels removed and replaced
Consecutive faulty tags	max 0
Appearance	Single row reel form
Reel core	Card board core, inner diameter 76 mm (3 in)
Winding of the reel	Face out
Reel size	3 500 pcs/reel. Diameter: < 204 mm
Package size	28 000 pcs/box. Delivery only in full packages.

Compliances



Disclaimer:

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Version history	Document history	Date	Author
1.0	Created	6.10.2017	KV
	Approved	6.10.2017	LH