

TAG SPECIFICATION

ECO Hook S Paper Tag
Sales code 500059
NXP UCODE 8

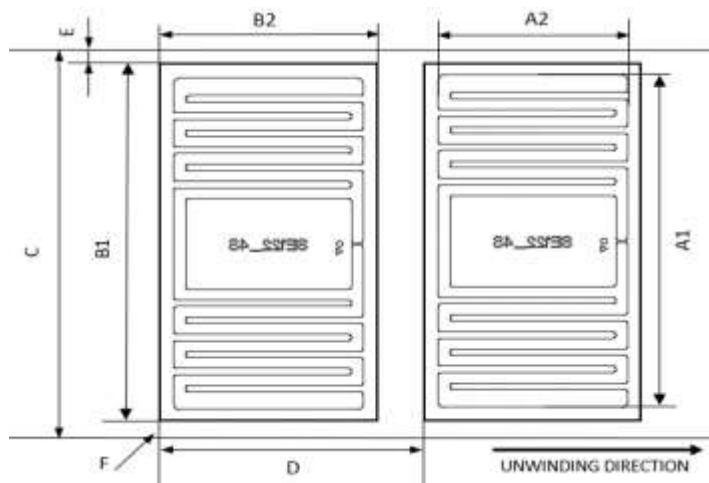


General specification and characteristics

Operating frequency	860-960 MHz
Air interface protocol	EPC Gen2v2, ISO 18 000-63
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	31 x 16	± 0,2	1,220 x 0,630
B1 x B2	Die-cut size	33 x 18	± 0,2	1,299 x 0,709
C	Web width	36	± 0,5	1.417
D	Pitch length per piece (MD)	21.771	± 0,5	0.857
E	Die-cut to web edge	1.5	± 1,0	0.059
F	Radius	1.5	± 0,2	0.059



Cross section



Tag characteristics

Tag format	Die-cut paper label on reel	
Tag face material	White woodfree paper, 101 um	
Tag antenna material	Conductive paste	
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

Standard delivery yield	> 99%
Minimum delivery yield	> 97%
Appearance	Single row reel form
Reel core	Card board core, inner diameter 76 mm (3 in)
Winding of the reel	Face out
Reel size	5 000 pcs/reel. Diameter: < 204 mm
Package size	40 000 pcs/box. Delivery only in full packages.

Compliances



Disclaimer:

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Version history

1.0
1.1

Document history

Created
Tag radius and design drawig revised

Date

4/1/2019
4/24/2019

Author

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