SMARTRAC

DATASHEET

MINIWEB

Ideal for small apparel labels.

MiniWeb tags and inlays are designed especially for apparel applications. They are high quality and can be converted into small sized hang tags and other apparel labels. MiniWeb tags and inlays have superior close coupling features.

Benefits:

- Optimum size for small apparel labels.
- Excellent close coupling features.
- Equipped with the high performance NXP U-CODE G2iL UHF RFID IC.
- ISO 9001:2008 Quality Management System and ISO 14001:2004 Environment Management System support.
- Unique TID.

Overview

Operating Frequency
860 - 960 MHz

Integrated Circuit (IC)
NXP U-Code G2iL

Antenna Size
40 x 18 mm (1.58 x 0.71 in)

Die-cut Size
43 x 21 mm (1.69 x 0.83 in)

International Standards
EPC Class 1 Gen 2
ISO 18000-6C

Quality Assurance
100% performance tested

Application Areas

- Apparel
- Brand Protection

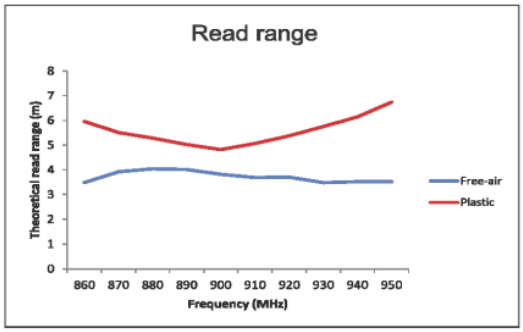
10/2013 ENG S068/2

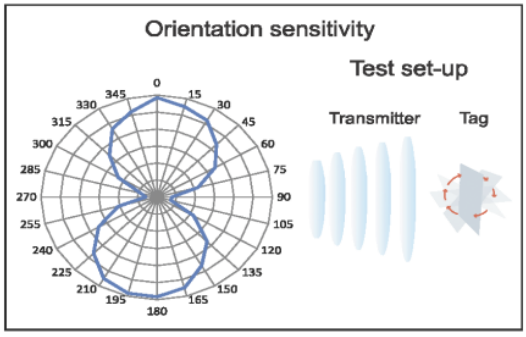
SMARTRAC

MINIWEB

Technical Features	
IC	NXP U-Code G2iL
Memory	EPC memory 128 bit
Frequency	860-960 MHz
Antenna Size	40 x 18 mm / 1.58 x 0.71“
Die-cut Size	43 x 21 mm / 1.69 x 0.83“
Web Width	48 mm / 1.89“
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Bending Diameter (D)	> 50 mm, tension max. 10 N
Delivery Formats	Dry inlay, wet inlay, tag
Adhesive	Acrylic, hot melt adhesive
Adhesive Usage Temperature	min. -20°C to 80°C / min. -4°F to 176°F
Qty/Reel	5,000 per reel
Core Size	76 mm / 3“
Shelf Life: minimum of 2 years from the date of manufacture in	20°C / 68°F, 50% RH

SMARTRAC TECHNOLOGY GROUP uses three different qualification methods to evaluate the quality and reliability of RFID inlay and tag products. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test.





All the graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level.

RoHS CE

scancookie.com