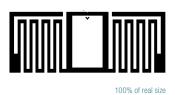


INVENGO BULLET LABEL



NXP UCODE7





About Invengo's Bullet

The Invengo Bullet tags and inlays, equipped with the NXP UCODE7 IC's, are designed to enable end-users to reach and sustain high levels of performance in all global RAIN RFID (UHF) frequency regions. Within the area of retail, smart packaging and supply chain management solutions, Invengo's Bullet tag and inlays can be called one of the best in class.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID (UHF) and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, (industrial) laundry, library, (public) transportation, healthcare and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID oriented companies in the world.

Key Benefits

- · Optimized size for small size hang tags
- Ideal inlay for tagging product boxes
- Serialized TID
- ISO 9001:2008 Quality Management System and ISO 14001:2004 Environment Management System support
- 100% Quality Tested

Application Areas

- Supply Chain Management
- Packaging



Product Specifications

RFID

Protocols Supported EPCglobal C1 Gen 2,

ISO/IEC18000-63

Integrated Circuit (IC) NXP UCODE7

Operating Frequency 840 to 960MHz

EPC size 128 bits

TID 96 bits and 48 bits serialized number

Access password 32 bits
Kill password 32 bits

Environmental

Operating Temperature -40°C to 85°C (-40°F to 185°F)Recommended -20°C to 77°C (-4°F to 122°F)Storage Temperature -40°C to 85°C (-40°F to 185°F)

Recommended 25°C (77°F)

Shelf Life Min. 2 yrs from date manufacturing

in 20°C (68°F) @ 50% RH

Bending Diameter > 50 mm, tension max. 10 N

Static Pressure <10 MPa (10 N/mm2)

ESD \pm 2000V peak

Adhesive Acrylic

Data retention 50 years

Endurance 100.000 cycles

Dimensions

Core Size (H)

Antenna Size (A x B) 41 x 16 mm (1.61 x 0.63 in) Die-cut Size (C x D) 45 x 19 mm (1.77 x 0.75 in)

 Web Width (E)
 49 mm (1.93 in)

 Pitch (F)
 22,8 mm (0.90 in)

 PET Thickness
 0,05 mm (0.002 in)

 Antenna Thickness
 0,009 mm (0.0003 in)

 Die-cut to edge (G)
 2 mm (0.08 in)

Order Information

Product code XC-TF8013-C16-FPI

Packaging Carton boxes

Box Size 265×253×180mm

(10.43 x 9.96 x 7.09 in)

Weight \pm 1,12 kg (2.47 lbs)/roll

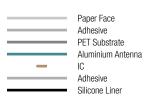
 \pm 3,7 kg (8.16 lbs)/box

Quantity pc p/roll; roll p/box 4000 pcs/roll; 3 rolls/box

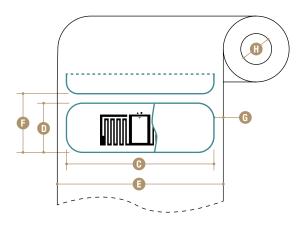
Inlay Design

B W D

Inlay Stackup



Winding / Dimensions



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