

INVENGO BUTTON DRY INLAY



100% of real size

Impinj Monza 5



About Invengo's Button

The Invengo Button tags and inlays equipped with the Impinj Monza 5 are designed to enable end-users to reach and sustain high levels of performance in all global RAIN RFID (UHF) frequency regions. With a diameter of just 11 mm the Invengo Button tags and inlays are specially designed to tag items unable to tag with traditional tags and inlays in near field communication. The round form factor allows you to integrate the tag in bottle caps.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID 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 / IoT oriented companies in the world.

Key Benefits

- High performance product for item-level tagging
- Extremely small design
- Serialized TID
- ISO 9001:2008 Quality Management System and ISO 14001:2004 Environment Management System support
- 100% Quality Tested

Application Areas

- Retail
- Cosmetics

Product Specifications

RFID

Protocols Supported	EPCglobal C1 Gen 2, ISO/IEC18000-63
Integrated Circuit (IC)	Impinj Monza 5
Operating Frequency	840 to 960MHz
EPC size	128 bits
TID	32 bits model number 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/mm ²)
ESD	± 2000V peak
Adhesive	Acrylic
Data retention	50 years
Endurance	100.000 cycles

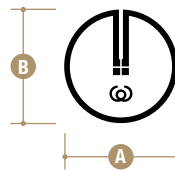
Dimensions

Antenna Size (A x B)	Ø11 mm (Ø0.43 in)
Web Width (E)	70 mm (0.01 in)
Antenna Thickness	0.21mm (2.755 in)

Order Information

Product code	XCTF-8009-C13
Packaging	Carton boxes
Weight	0.58±0.05kg/roll 4.24±0.3kg/carton (1.28±0.11lbs/roll 9.35±0.66lbs/carton)
Quantity pc p/roll; roll p/box	up to 6 rolls (60,000pcs) per corrugated carton

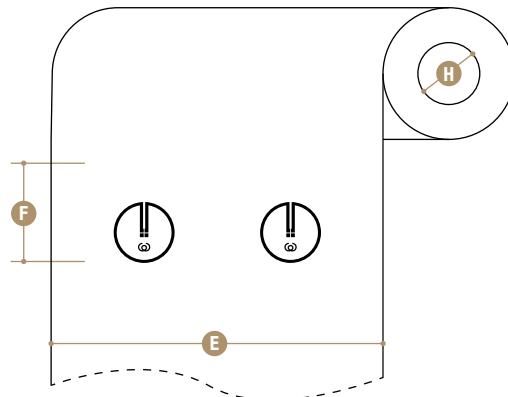
Inlay Design



Inlay Stackup



Winding / Dimensions



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