

ThunderTrace

Available with IMPINJ Monza R6/R6P and 4D/4E/4T

GENERAL CHARACTERISTICS

Wet / White Wet Inlay dimensions: 101 x 23 mm

—Antenna dimensions: 99 x 22 mm

Standard pitch: 26.45 mm

Operating frequency: Global (860 - 960 MHz)

Chip: IMPINJ Monza R6 / R6P

EPC Memory: 96 / 128 bits auto serialized

USER Memory: NA / 32 bits

TID Memory: 64 bit with 48 bit unique serial number

Chip: IMPINJ Monza 4D/E/QT

EPC Memory: 128/496/128 bits

USER Memory: 32/128/512 bits

TID Memory: 96 bits, preencoded for multivendor chip (MCS) based serialization, factory programmed

Inlay substrate material: PET

Inlay-to-liner adhesive: SH3020 (Arconvert)

Liner material: CC62 (Arconvert)

Total thickness over chip: 170 microns

Standard web width: 108 mm

Unwind direction: Label side out

RF Protocol: ISO-18006-C, EPC Class 1, Gen 2

RoHS: EU Directive 2011/65 EU Compliant

Quality assurance: 100% read tested with out-of-tolerance inlay marked

Operating temperature: -40°C to 85°C

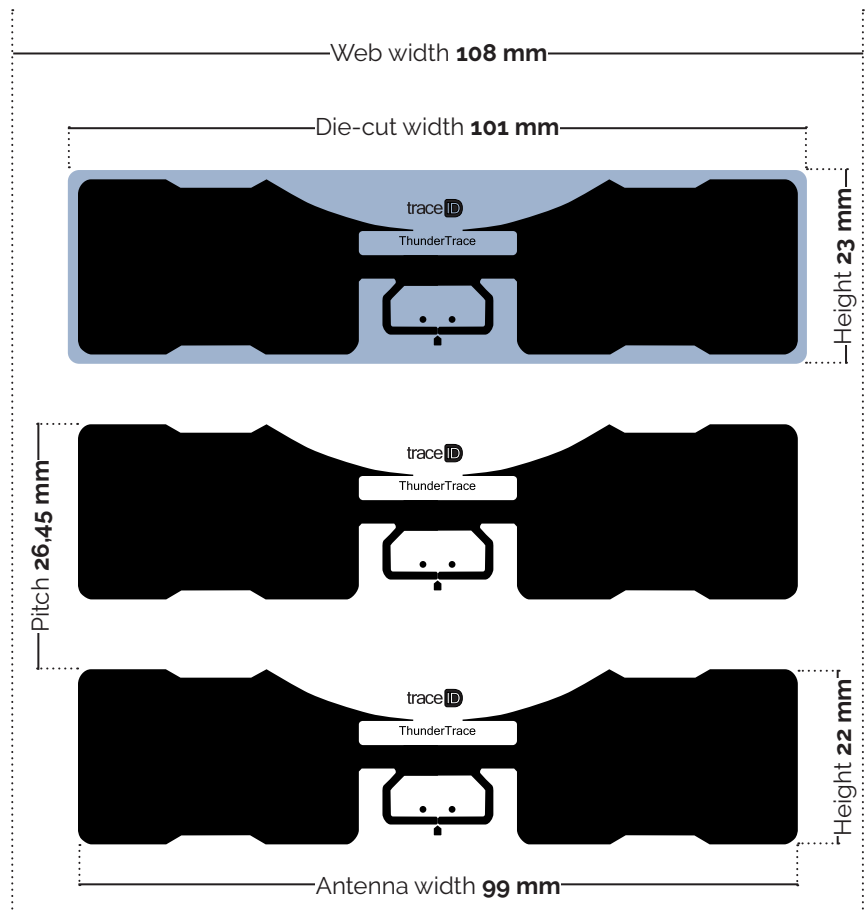
COMMON APPLICATIONS

Supply chain, inventory and logistics.

The antenna **ThunderTrace** shows a significant improvement over its predecessor antenna. Indeed, concerning the power needed to work, the RSSI (directivity of the waves) and the transmission speed (number of readings per minute), it shows an improvement of 43%, so this antenna has a high sensibility with an optimization of the antenna and reduction of the size.

Minimum order quantity: 10,000 pcs.

Average of units per roll: TBD



CARE AND HANDLING RFID inlays are sensitive to ESD. Observe standard practices to keep environmental static charge to a minimum. APPLICATIONS This product should be tested by the customer/user thoroughly under end use conditions to ensure the product meets the requirements. Trace-ID does not represent that this product is fit for any purpose or use. PRODUCT CHANGES Trace-ID reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. © 2018 Trace-tech Id Solutions S.L. All rights reserved.