

# TH-Wing M7

## GENERAL CHARACTERISTICS

**Wet / White Wet Inlay dimensions:** 54 x 34 mm

**—Antenna dimensions: 50 x 30 mm**

**Standard pitch:** 36,6 mm

**Operating frequency:** Global (860 - 960 MHz)

**Chip:** IMPINJ Monza 700 series (750 / 730)

**EPC Memory:** 96 / 128 bits auto serialized

**USER Memory:** 32 / None bits

**TID Memory:** 96 bit with 48 bit unique serial number

**Inlay substrate material:** PET

**Inlay-to-liner adhesive:** SH3020 (Arconvert)

**Liner material:** CC62 (Arconvert)

**Total thickness over chip:** 170 microns

**Standard web width:** 110 mm

**Unwind direction:** Label side out

**RF Protocol:** RAIN RFID / ISO-18000-63 and EPC-global Gen 2v2 compliant

**RoHS:** EU Directive 2011/65 Compliant

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

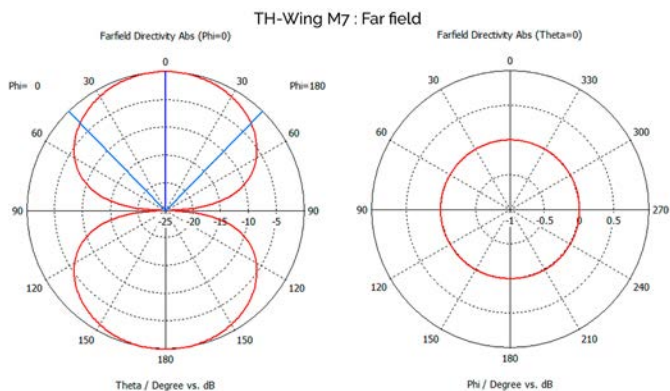
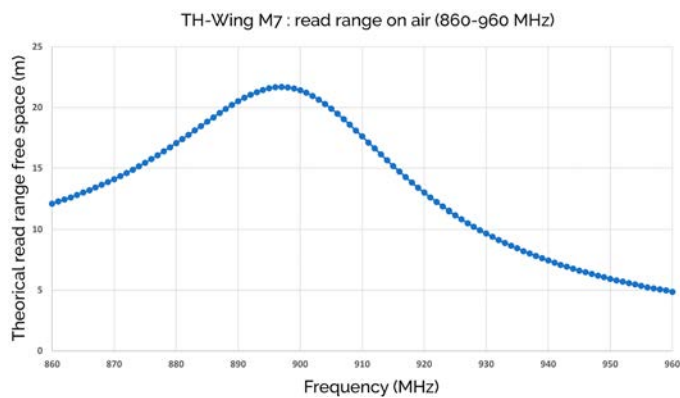
**Operating temperature:** -40°C to 85°C

## COMMON APPLICATIONS

*Apparel and other retail item-level.*

*Minimum order quantity: 10,000 pcs. Average of units per roll: TBD*

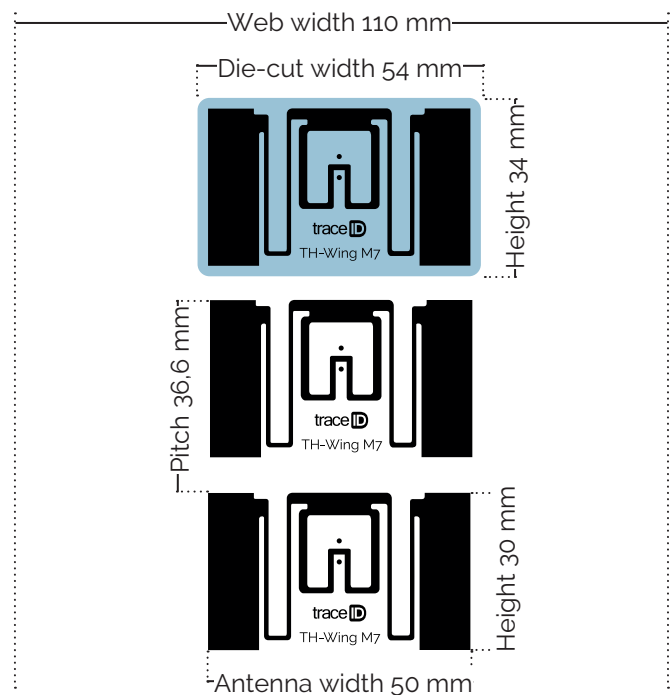
## PERFORMANCE INDICATORS



*All graphs are indicative; performance in real life applications may vary.*

UHF RFID tag TH-Wing with IMPINJ M700 Chip series improves the performance of its predecessor and it's specially designed for apparel and other retail item-level deployments. The TH-Wing M7 shows very high sensitivity and great performance.

## MEASUREMENT AND FORMAT



*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. © 2020 Trace-tech Id Solutions S.L. All rights reserved.*