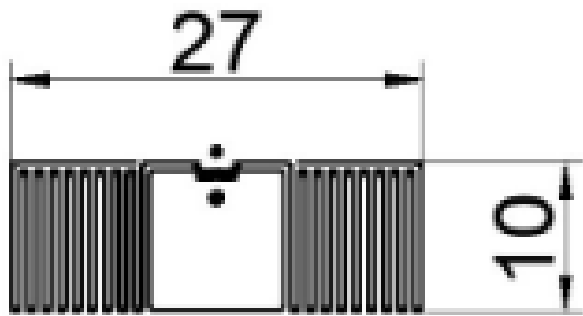


# UHF 2710 INLAY



Global Tag **UHF 2710** is a RFID UHF antenna design with small size and compact form, which has been designed for production control operations and for projects which require a moderate reading distance to avoid false positives. This product can be supplied in the form of wet-inlay, paper label, PET/PP label. Different customizations are available such as die-cut label size, encoding of EPC/memory and barcode/QR/text printing.



## MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

**Antenna Size:** 27x10mm

**Wet inlay size:** 30x13mm

**Paper/PP/PET label size:** 30x13mm

**Pitch Size:** 16mm

**Gap:** 3mm

**Web Width:** 40mm

**Mounting System:** Glue, (optionally 3M 467 adhesive or Removable Glue)

**Antenna Material:** Aluminum

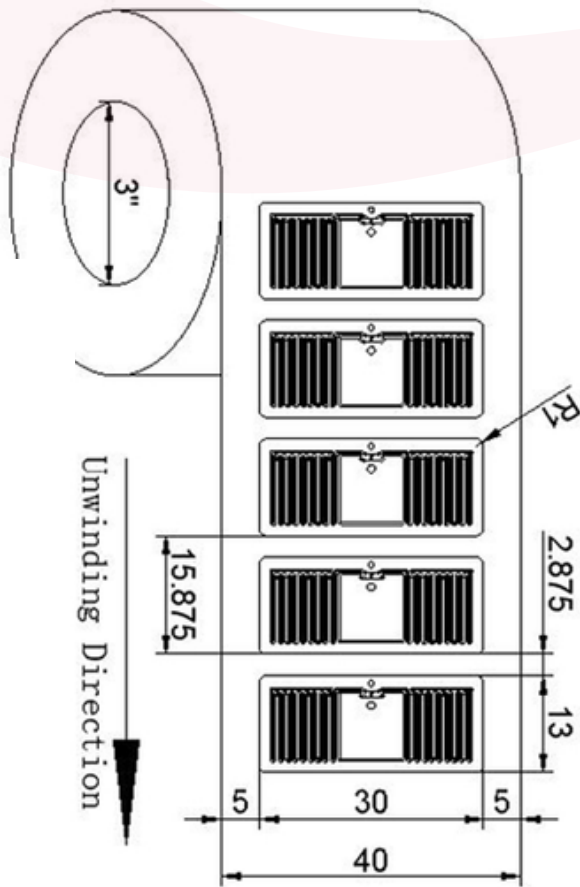
**Storage Temperature:** +10°C to +35°C (sealed in the vacuum bag and avoid direct sunlight exposure)

**Storage Humidity:** 30% to 70% RH (sealed in the vacuum bag and avoid direct sunlight exposure)

**After gluing Temperature:** -20°C to +50°C

**After gluing Humidity:** 20% to +80% RH

**Delivery format:** in reel



### IC CHIP SPECIFICATION:

|                        |                       |
|------------------------|-----------------------|
| Operation Frequency    | UHF 860-960 Mhz       |
| Air interface protocol | UHF EPC Class 1 Gen 2 |
| IC Type Available      | NXP U-Code 8          |
| TID Memory             | 96bit                 |
| EPC Memory             | 128bit                |
| User Memory            | -                     |

### READING DISTANCE:

**With long range fixed reader:** ----- EU frequency 0 ~ 4m (2W ERP) -----  
 US frequency 0 ~ 3,5m (4W EIRP)

### INSTALLATION MODE:

**With permanent strong glue:** when mounting the tag with adhesive background, clean and dry the surface to obtain the maximum bond strength. The range temperature must be +10°C to +40°C and humidity range 20% to +80% RH

## **CUSTOMIZATION OPTIONS:**

**Printing:** 4-color or monochrome logo, Progressive number, Serial number from database, Barcode or QRCode

**Encoding:** Writing contents in EPC/User Memory (optionally from customer's database)

**3M glue:** According to the project requirement and basing on the surface material we can supply special adhesive

## **ORDER INFORMATION:**

**Standard products have these available size**

**PRODUCT CODE WET-INLAY:** GT-WT3013-U8

**PRODUCT CODE PAPER LABEL:** GT-PL3013-U8

**PRODUCT CODE PET LABEL:** GT-PET3013-U8

**PRODUCT CODE PP LABEL:** GT-PP3013-U8

**For further information or customized request:**

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