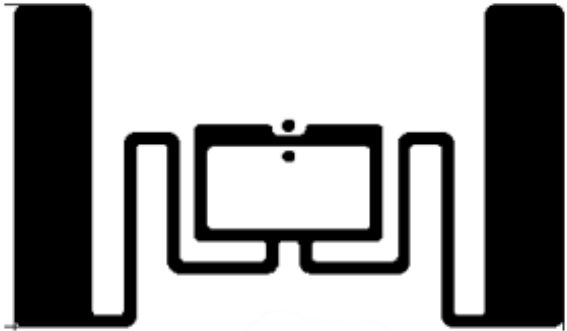


UHF 5030 INLAY



Global Tag **UHF 5030** is a RFID UHF antenna design developed to offer high performance despite its compact dimensions. The antenna size is 50x30 mm. Thanks to its antenna design, this RFID tag ensures a good reading distance and reliable performance across different applications. The suggested application fields include apparel and retail RFID projects, inventory management, logistics management and production control. Different customizations are available, such as die-cut label size, EPC/memory encoding and content printing.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS



Antenna Size: 50x30mm

Wet inlay size: 54x34mm

Paper/PP/PET label size: 54x34mm

Pitch Size: 35,9mm

Gap: 1,9mm

Web Width: 64mm

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

Antenna Material: Aluminum

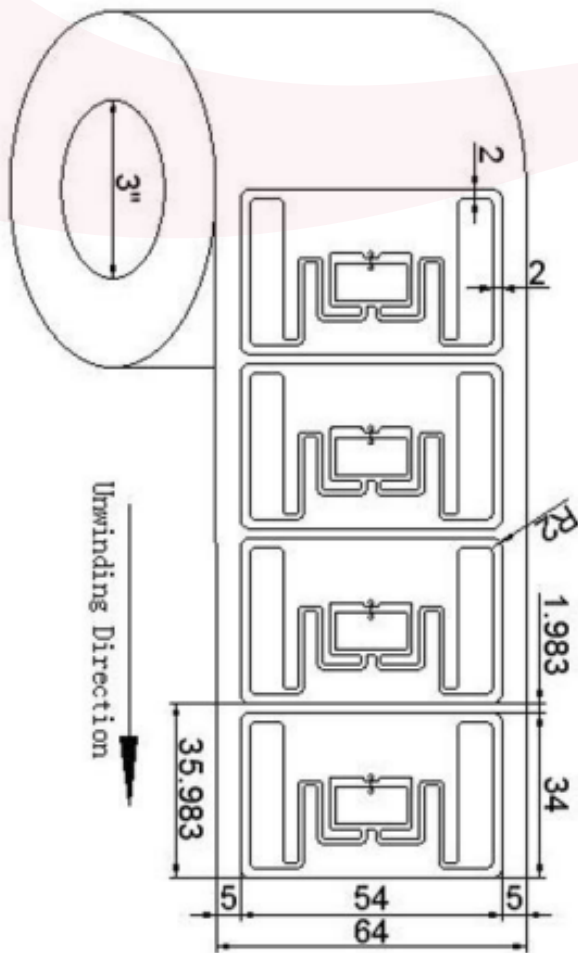
Storage Temperature: +10°C to +35°C (sealed in the vacuum bag and avoid direct sunlight exposure)

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 ~ 13m (2W ERP) -----
 US frequency 0 ~ 15m (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-WT5434-U8

PRODUCT CODE PAPER LABEL: GT-PL5434-U8

PRODUCT CODE PET LABEL: GT-PET5434-U8

PRODUCT CODE PP LABEL: GT-PP5434-U8

For further information or customized request:

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