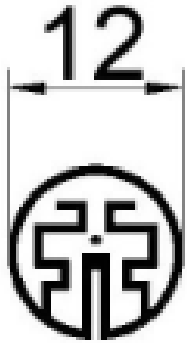


UHF 12 INLAY



Global Tag **UHF 12** is the smallest RFID UHF antenna design with round form, which has been developed for RFID projects of apparel and retails, or as RFID tag solutions for pharmaceutical and healthcare industries. Also, it is a suitable solution as non-invasive labeling in the projects of asset tracking. This product can be provided as wet-inlay, paper label or PET/PP label. Different customizations are available such as die-cut label size, encoding of EPC/memory, or content printing.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Antenna Size: Ø12mm

Wet inlay size: Ø15mm

Paper/PP/PET label size: Ø15mm or bigger

Pitch Size: 20mm

Gap: 5mm

Web Width: 40mm

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

Antenna Material: Aluminum

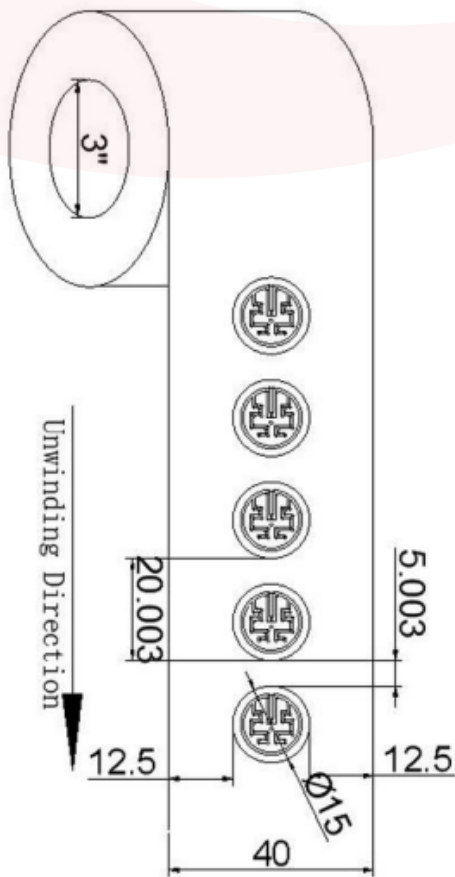
Storage Temperature: +10°C to +35°C (sealed in the vacuum bag and avoid direct sunlight exposure)

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 ~ 0,35m (2W ERP) -----
 US frequency 0 ~ 0,6m (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-WT15-U8

PRODUCT CODE PAPER LABEL: GT-PL15-U8

PRODUCT CODE PET LABEL: GT-PET15-U8

PRODUCT CODE PP LABEL: GT-PP15-U8

For further information or customized request:

Global Tag Srl – Via Zanardelli 13/A 25062 Concesio (BS) - Italy

P +39 030 2005259

S global-tag

W www.global-tag.com

M sales@global-tag.com

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