

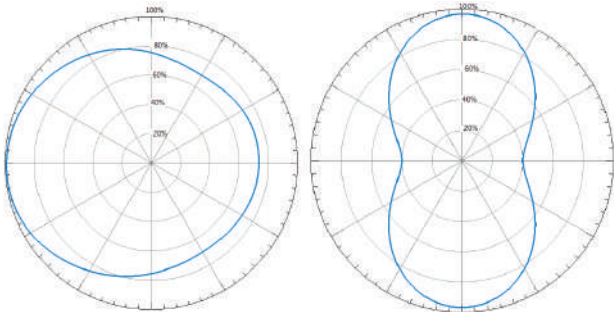


# GAMMA LABEL

## Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 860-960 MHz (Global)
- **IC type (chip)**<sup>1</sup> MB97R8050-AP15-ES
- **Chip memory** 160 bits EPC; 176 bits serialized TID
- **Read range fixed**<sup>2</sup> Up to 9.84 ft (3 m)
- **Read range handheld**<sup>2</sup> Up to 6.56 ft (2 m)
- **Polarization** Linear
- **Radiation pattern off metal**

Off metal-Horizontal / Vertical



## Key Features

- + **Radiation resistant:** withstand e-beam and gamma sterilization
- + **Printable:** human and computer-readable
- + **Global frequency**
- + **Cost effective:** for high volume

## Applications

- **Healthcare devices and equipment**
- **Pharmaceutical & biotech processing equipment**
- **Food**

## Environmental Specifications

### Temperatures



- Operational -40°C to +85°C
- Survival -40°C to +85°C

- **IP rating** IP54
- **Resistance compliance** Gamma (100kGy), E-beam sterilization
- **Compression strength** 14 psi (97 kPa)
- **Vibration** MIL-STD-810G
- **Printer compatibility** Sato CL4NX, CT4-ex RF; Zebra ZD500R, ZT600, ZT400
- **Warranty** 1 year

<sup>1</sup> The chip data retention is up to 50 years, based on chip operating under general environment conditions.

<sup>2</sup> Off metal

## Physical Specifications

- **Material** White thermal transfer face stock
- **Dimensions (in)**<sup>1</sup> 2.95 x 0.79 x 0.01, 4 x 2 x 0.01
- **Dimensions (mm)**<sup>1</sup> 75 x 20 x 0.20, 101.60 x 50.80 x 0.20
- **Delivery format** On roll
- **Quantity per roll (small)** 1,000
- **Quantity per roll (large)** 2,000
- **Weight (roll)** 2.54 lbs (1.15kg)

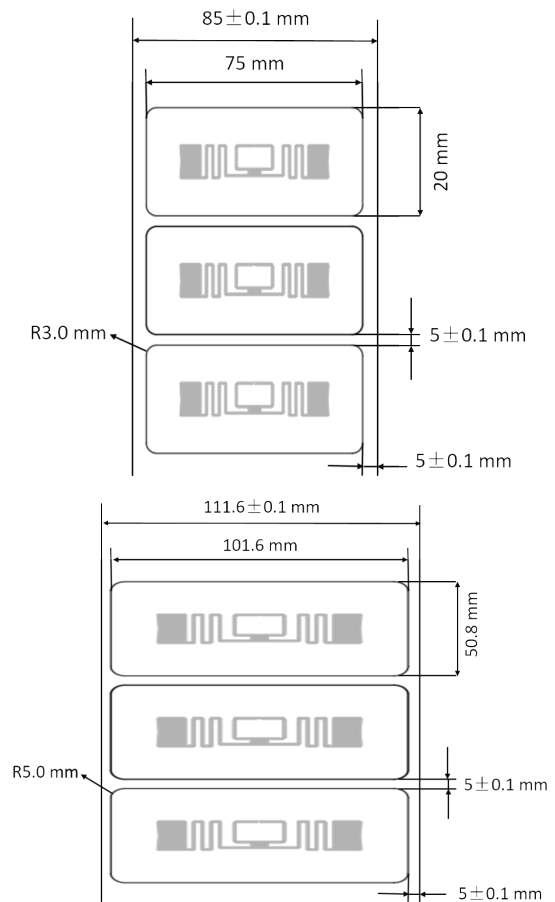
### Mounting Systems

- Industrial adhesive

### Installation Instructions

1. Clean the surface using Isopropyl alcohol, alcohol pad or equivalent solvent to ensure surface is free from dirt, dust, oil and misc, debris that may affect adhesion.
2. Handle the label by edges, peel release liner from back ensuring not to touch the adhesive.
3. Place the label in desired tagging location and firmly apply even pressure to the label for 5 seconds.
4. Do not disturb newly mounted label for at least 15 minutes to ensure proper adhesive seating.

<sup>1</sup> Tolerance: +/- 0.02; +/- 0.50



## Industry Compliance



## Order Information

Gamma Label (75 x 20): X6101-GL011-F1

Gamma Label (101.6 x 50.8): X6201-GL011-F1

### Customization Options

Encoding

ATEX Certified Version

Printing

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