

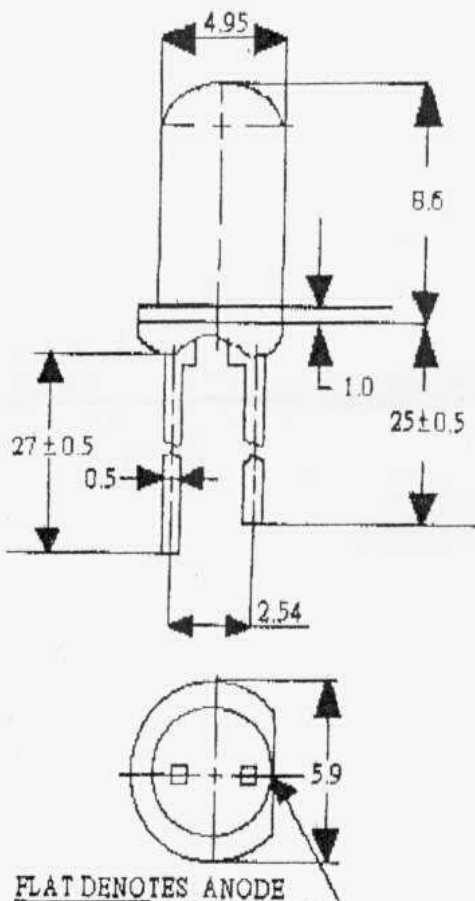
# Hantec

HT95B3DEC4

## FEATURES

- LOW POWER COMSUMRTION.
- SUITABLE EOR PULSED OPERATION.
- MOST SUITABLE USE LIKE AUDLO PANEL INDICATOR.

## PACKAGE DIMENIONS



## NOTES:

1. All dimensions are in millimeters.
2. Tolerance is  $\pm 0.25$ mm unless otherwise noted.
3. Protruded resin under flange is 1.0mm maximum.
4. Lad spacing is measured where the leads emerge from the package.
5. Specifications are subject to change without notice.

NOTE: TOLERANCE  $\pm 0.2$ mm

## DEVICES

| PART NO:   | LENS        |              | SOURCE COLOR |
|------------|-------------|--------------|--------------|
|            | COLOR       | DIFFUSION    |              |
| HT95B3HDC4 | Water Clear | Non-Diffused | Gan Blue     |

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## ABSOLUTE MAXIMUM RATINGS AT TA=25°C

| PARAMETER                                                     | Blue                | UNIT |
|---------------------------------------------------------------|---------------------|------|
| POWER DISSIPATION                                             | 100                 | mW   |
| PEAK FORWARD CURRENT<br>(1/10 DUTY CYCLE, 0.1 MS PULSE WIDTH) | 200                 | mA   |
| CONTINUOUS FORWARD CURRENT                                    | 30                  | mA   |
| DERATING LINEAR FORM 50                                       | 5                   | mA   |
| REVERSE VOLTAGE                                               | 5                   | V    |
| OPERATING TEMPERATURE RANGE                                   | -40°C to + 80°C     |      |
| STORAGE TEMPERATURE RANGE                                     | -55°C to + 100°C    |      |
| LEAD SOLDERING TEMPERATURE<br>[1.6MM(0.036)FROM BODY]         | 260°C for 5 Seconds |      |

## ELECTRICAL OPTICAL CHARACTERISTICS AT TA=25°C

| PARAMETER           | SYMBOL | MIN  | TYP  | MAX         | UNIT | TEST CONDITION |
|---------------------|--------|------|------|-------------|------|----------------|
| Luminous Intensity  | IV     | 1800 | 2000 |             | mcd  | IF=20mA        |
| Viewing Angle       | 2θ 1/2 |      | 15   |             | Deg  |                |
| Emission Wavelength | λ      |      | 465  | Measurement | nm   | Measurement    |
| Forward Voltage     | VF     |      | 3.5  | 4.0         | V    | If=20mA        |
| Reverse Current     | IR     |      |      | 10          | μA   | VR=5V          |