

0.33 " FOUR DIGIT NUMERIC DISPLAY

LIN-3340XX ORANGE  
LIN-3341XX ORANGE

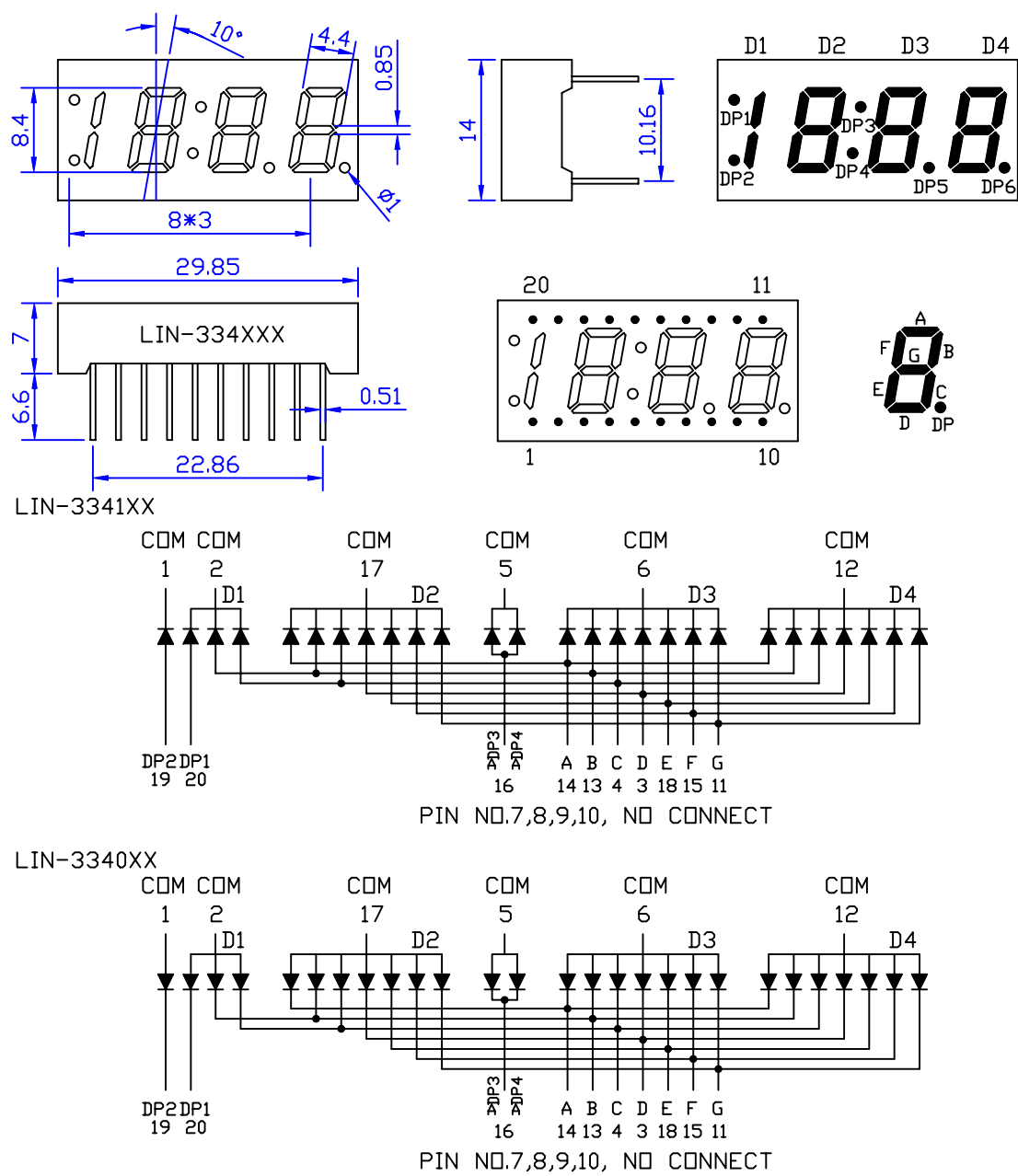
Features

- 0.33 " DIGIT HEIGHT
- EXCELLENT CHARACTER APPEARANCE
- EASY MOUNTING ON P.C.BOARDS OR SOCKETS.
- I.C. COMPATIBLE.
- MECHANICALLY RUGGED.
- STANDARD: BLACK /GRAY FACE, WHITE SEGMENT.

Description

The Orange source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Orange Light Emitting Diode.

Package Dimensions & Internal Circuit Diagram



- Notes:
- 1.All dimensions are in millimeters (inches), Tolerance is +/-0.25(0.01") unless otherwise noted.
  - 2.Specifications are subject to change without notice.

## Absolute Maximum Rating ( $T_a=25\text{ }^{\circ}\text{C}$ ) (Per Segment)

| Parameter                  | Symbol    | Orange<br>(GaAsP/GaAs) | Unit               |
|----------------------------|-----------|------------------------|--------------------|
| Continuous Forward current | $I_{AF}$  | 25                     | mA                 |
| Peak forward current (Duty | $I_{PF}$  | 90                     | mA                 |
| Reverse voltage            | $V_R$     | 5                      | V                  |
| Operating temp.            | $T_{OPR}$ | -20~+85                | $^{\circ}\text{C}$ |
| Storage temp.              | $T_{STG}$ | -25~+85                | $^{\circ}\text{C}$ |

\*Soldering Bath : not more than 3 seconds @260 $^{\circ}\text{C}$ . The bottom ends of plastic reflector should be at least 3 mm above the solder surface.

Soldering Iron : not more than 3 seconds @300 $^{\circ}\text{C}$  under 30 W.

## ELECTRO-OPTICAL CHARACTERISTICS ( $T_a=25\text{ }^{\circ}\text{C}$ )

|                          | Symbol             | Condition         | Min. | Typ. | Max. | Unit          |
|--------------------------|--------------------|-------------------|------|------|------|---------------|
| Forward Voltage          | $V_F$              | $I_F=20\text{mA}$ |      | 1.99 |      | V             |
| Reverse Current          | $I_R$              | $V_R=5\text{V}$   |      |      | 100  | $\mu\text{A}$ |
| Luminous Intensity       | $I_V$              | $I_F=20\text{mA}$ |      | 8    |      | mcd           |
| Peak Emission Wavelength | $\lambda_p$<br>Hue | $I_F=20\text{mA}$ |      | 625  |      | nm            |
| Spectral Line Half-Width | $\lambda$          | $I_F=20\text{mA}$ |      |      |      | nm            |