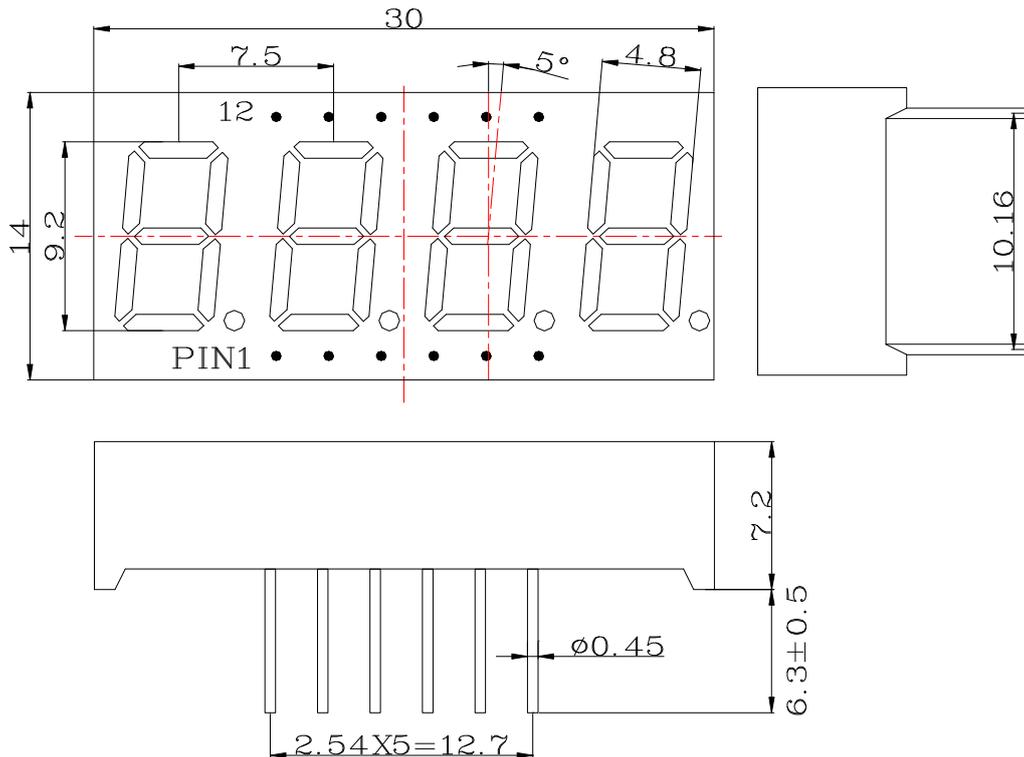
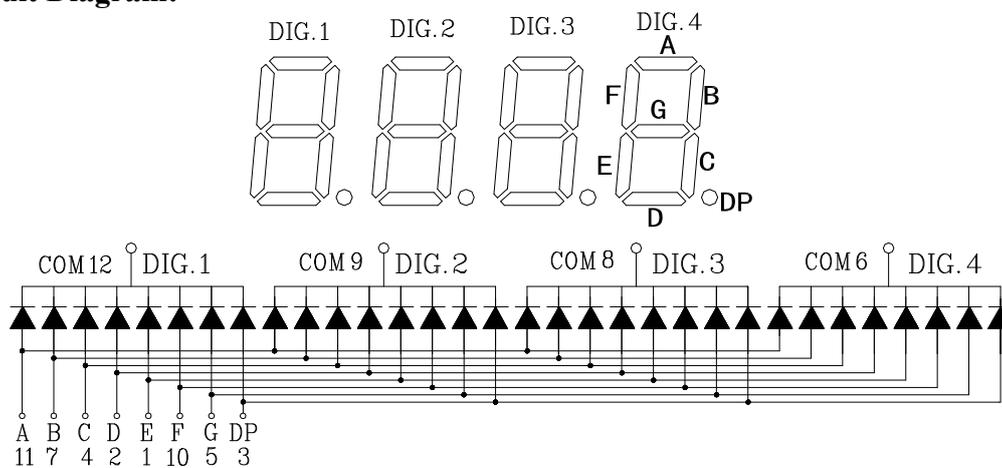


■ **Outer Dimension:**



Notes: Unless otherwise stated, The tolerance is  $\pm 0.25\text{mm}$ .

■ **Circuit Diagram:**



■ **Pin Connection:**

| PIN NO. | CONNECTION          | PIN NO. | CONNECTION          |
|---------|---------------------|---------|---------------------|
| 1       | Anode E             | 7       | Anode B             |
| 2       | Anode D             | 8       | Common Cathode Dig3 |
| 3       | Anode DP            | 9       | Common Cathode Dig2 |
| 4       | Anode C             | 10      | Anode F             |
| 5       | Anode G             | 11      | Anode A             |
| 6       | Common Cathode Dig4 | 12      | Common Cathode Dig1 |

■ **Features:**

- High Reliability
- Color: GaN Blue Digit
- Low Power Requirement

- . Easy Assembly

■ **Description:**

- . Four Digit Display
- . Digit Height:9.2mm ( 0.36" )
- . Black Face and Encapsulation With Yellow Epoxy

■ **Absolute Maximum Rating (Ta=25°C):**

| Parameter                        | Symbol       | Condition                   | Color | Rating  | Units |
|----------------------------------|--------------|-----------------------------|-------|---------|-------|
| Power Dissipation Segment        | $P_d$        | —                           | Blue  | 90      | mW    |
| Forward Current Segment          | $I_F$        | —                           | Blue  | 30      | mA    |
| Derating Of If Per Segment       | $\Delta I_F$ | $T_a \geq 50^\circ\text{C}$ | Blue  | 0.3     | mA/°C |
| Peak Forward Current Per Segment | $I_{FP}$     | 1/10 Duty 10KHz             | Blue  | 100     | mA    |
| Reverse Voltage Per Segment      | $V_R$        | —                           | Blue  | 5       | V     |
| Operating Temperature Range      | $T_{opr}$    | —                           | —     | -35~+85 | °C    |
| Storage Temperature Range        | $T_{stg}$    | —                           | —     | -35~+85 | °C    |

■ **Electrical/Optical Characteristics Rating (Ta=25°C)**

| Item                      | Symbol           | Test conditions   | Location    | Color | Rating |      |      | Units         |
|---------------------------|------------------|-------------------|-------------|-------|--------|------|------|---------------|
|                           |                  |                   |             |       | Min.   | Typ. | Max. |               |
| Forward Voltage           | $V_F$            | $I_F=20\text{mA}$ | Per Segment | Blue  | 2.8    | 3.3  | 3.6  | V             |
| Reverse Current           | $I_R$            | $V_R=5\text{V}$   | Per Segment | Blue  | —      | —    | 100  | $\mu\text{A}$ |
| Luminous Intensity        | $I_V$            | $I_F=10\text{mA}$ | Per Segment | Blue  | —      | 35   | —    | mcd           |
| Peak Emission Wave Length | $\lambda_D$      | $I_F=20\text{mA}$ | Per Segment | Blue  | 465    | 470  | 475  | nm            |
| Spectral Line Half Width  | $\Delta \lambda$ | $I_F=20\text{mA}$ | Per Segment | Blue  | —      | 20   | —    | nm            |

■ **Pb, Cd, Hg, Cr+6, PBBs, PBDEs 6 Substances Complies To RoHS Standard.**

■ **Soldering Conditions: Soldering Temp.  $\leq +260^\circ\text{C}$ , Soldering Time.  $\leq 3\text{sec}$ .**

(at 2mm Distance from The Case of Reflector Edge)