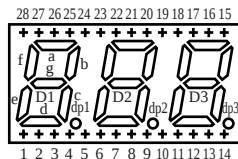


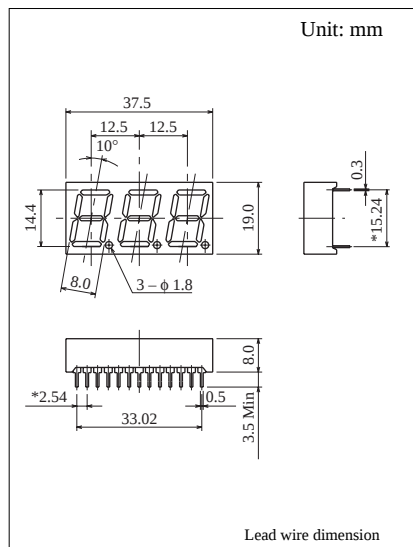
## 3 Digit 14.4mm (.6") Series

Conventional Part No. Global Part No. Lighting Color  
 LN536YAMY ..... LNM436AA01 ..... Amber  
 LN536YKMY .... LNM436KA01 ..... Amber

### Terminal Connection



| Pin No. | Assignment      | Assignment        |
|---------|-----------------|-------------------|
| 1       | Cathode e1      | Anode e1          |
| 2       | Cathode d1      | Anode d1          |
| 3       | Common Anode D1 | Common Cathode D1 |
| 4       | Cathode c1      | Anode c1          |
| 5       | Cathode dp1     | Anode dp1         |
| 6       | Cathode e2      | Anode e2          |
| 7       | Cathode d2      | Anode d2          |
| 8       | Cathode c2      | Anode c2          |
| 9       | Cathode dp2     | Anode dp2         |
| 10      | Cathode e3      | Anode e3          |
| 11      | Cathode d3      | Anode d3          |
| 12      | Cathode g3      | Anode g3          |
| 13      | Cathode c3      | Anode c3          |
| 14      | Cathode dp3     | Anode dp3         |
| 15      | Cathode b3      | Anode b3          |
| 16      | Cathode a3      | Anode a3          |
| 17      | Cathode f3      | Anode f3          |
| 18      | Common Anode D3 | Common Cathode D3 |
| 19      | Common Anode D2 | Common Cathode D2 |
| 20      | Cathode b2      | Anode b2          |
| 21      | Cathode g2      | Anode g2          |
| 22      | Cathode f2      | Anode f2          |
| 23      | Cathode b1      | Anode b1          |
| 24      | Cathode f1      | Anode f1          |
| 25      | Cathode a1      | Anode a1          |
| 26      | Common Anode D1 | Common Cathode D1 |
| 27      | Cathode f1      | Anode f1          |
| 28      | Cathode g1      | Anode g1          |



### ■ Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

| Lighting Color | $P_D(\text{mW})$ | $I_F(\text{mA})$ | $I_{FP}(\text{mA})^*$ | $V_R(\text{V})$ | $T_{opr}(\text{C})$ | $T_{stg}(\text{C})$ |
|----------------|------------------|------------------|-----------------------|-----------------|---------------------|---------------------|
| Amber          | 50               | 20               | 100                   | 5               | $-25 \sim +80$      | $-30 \sim +85$      |

$I_{FP}$ の条件は  $\text{duty } 10\%$  ,Pulse width 1 msec. The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec

### ■ Electro-Optical Characteristics ( $T_a = 25^\circ\text{C}$ )

| Conventional Part No. | Lighting Color | Common  | $I_O$          |                | $I_O/d.p$      | $I_F$       | $V_F$      |            | $\lambda_P$ | $\Delta\lambda$ | $I_F$       | $I_R$         |            |
|-----------------------|----------------|---------|----------------|----------------|----------------|-------------|------------|------------|-------------|-----------------|-------------|---------------|------------|
|                       |                |         | Typ            | Min            | Typ            |             | Typ        | Max        |             |                 |             | Max           | $V_R$      |
| LN536YAMY             | Amber          | Anode   | 800            | 300            | 300            | 10          | 2.0        | 2.8        | 590         | 30              | 10          | 10            | 5          |
| LN536YKMY             | Amber          | Cathode | 800            | 300            | 300            | 10          | 2.0        | 2.8        | 590         | 30              | 10          | 10            | 5          |
| Unit                  | —              | —       | $\mu\text{cd}$ | $\mu\text{cd}$ | $\mu\text{cd}$ | $\text{mA}$ | $\text{V}$ | $\text{V}$ | $\text{nm}$ | $\text{nm}$     | $\text{mA}$ | $\mu\text{A}$ | $\text{V}$ |

