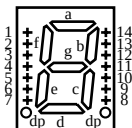


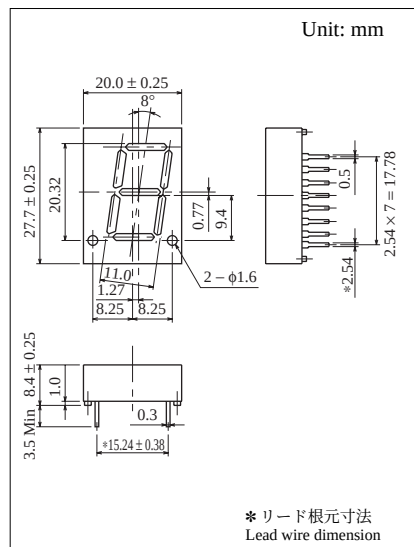
# 1 Digit 20.32 mm (.8") Series

| Conventional Part No. | Global Part No. | Lighting Color |
|-----------------------|-----------------|----------------|
| LN518YA               | LN418AA03       | Amber          |
| LN518YK               | LN418KA03       | Amber          |
| LN518OA               | LN418AA03       | Orange         |
| LN518OK               | LN418KA03       | Orange         |

## 端子接続 Terminal Connection



| Pin No. | Assignment   | Assignment     |
|---------|--------------|----------------|
| 1       | Cathode a    | Anode a        |
| 2       | Cathode f    | Anode f        |
| 3       | Common Anode | Common Cathode |
| 4       | Cathode e    | Anode e        |
| 5       | Common Anode | Common Cathode |
| 6       | Cathode dp1  | Anode dp1      |
| 7       | Common Anode | Common Cathode |
| 8       | Cathode dp2  | Anode dp2      |
| 9       | Cathode d    | Anode d        |
| 10      | Common Anode | Common Cathode |
| 11      | Cathode c    | Anode c        |
| 12      | Cathode g    | Anode g        |
| 13      | Cathode b    | Anode b        |
| 14      | Common Anode | Common Cathode |



## ■ 絶対最大定格 Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

| Lighting Color | $P_D(\text{mW})$ | $I_F(\text{mA})$ | $I_{FP}(\text{mA})^*$ | $V_R(\text{V})$ | $T_{opr}(^\circ\text{C})$ | $T_{stg}(^\circ\text{C})$ |
|----------------|------------------|------------------|-----------------------|-----------------|---------------------------|---------------------------|
| Amber          | 60               | 20               | 100                   | 5               | $-25 \sim +80$            | $-30 \sim +85$            |
| Orange         | 60               | 20               | 100                   | 3               | $-25 \sim +80$            | $-30 \sim +85$            |

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

## ■ 電気的光学的特性 Electro-Optical Characteristics ( $T_a = 25^\circ\text{C}$ )

| Conventional Part No. | Lighting Color | Common  | $I_O / \text{seg}$ |                | $I_O / d.p$    | $I_F$ | $V_F$ |     | $\lambda_P$ | $\Delta\lambda$ | $I_F$ | $I_R$         |       |
|-----------------------|----------------|---------|--------------------|----------------|----------------|-------|-------|-----|-------------|-----------------|-------|---------------|-------|
|                       |                |         | Typ                | Min            | Typ            |       | Typ   | Max |             |                 |       | Max           | $V_R$ |
| LN518YA               | Amber          | Anode   | 800                | 300            | 300            | 10    | 2.2   | 2.8 | 590         | 30              | 20    | 10            | 5     |
| LN518YK               | Amber          | Cathode | 800                | 300            | 300            | 10    | 2.2   | 2.8 | 590         | 30              | 20    | 10            | 5     |
| LN518OA               | Orange         | Anode   | 1200               | 300            | 500            | 10    | 2.1   | 2.8 | 630         | 40              | 20    | 10            | 3     |
| LN518OK               | Orange         | Cathode | 1200               | 300            | 500            | 10    | 2.1   | 2.8 | 630         | 40              | 20    | 10            | 3     |
| Unit                  | —              | —       | $\mu\text{cd}$     | $\mu\text{cd}$ | $\mu\text{cd}$ | mA    | V     | V   | nm          | nm              | mA    | $\mu\text{A}$ | V     |

