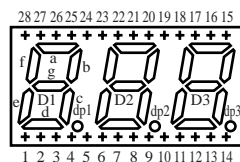


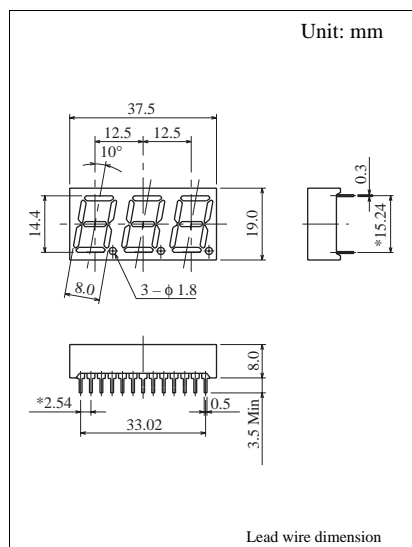
## 3 Digit 14.4mm (.6") Series

Conventional Part No. Global Part No. Lighting Color  
 LN536RAMR ..... LNM236AA01 ..... Amber  
 LN536RKMR ..... LNM236KA01 ..... Amber  
 LN536GAMG ..... LNM336AA01 ..... Orange  
 LN536GKMG ..... LNM336KA01 ..... Orange

### 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 a2      | Anode a2          |
| 22      | Cathode g2      | Anode g2          |
| 23      | Cathode f2      | Anode f2          |
| 24      | Cathode b1      | Anode b2          |
| 25      | Cathode a1      | Anode a1          |
| 26      | Common Anode D1 | Common Cathode D1 |
| 27      | Cathode f1      | Anode f1          |
| 28      | Cathode g1      | Anode g1          |



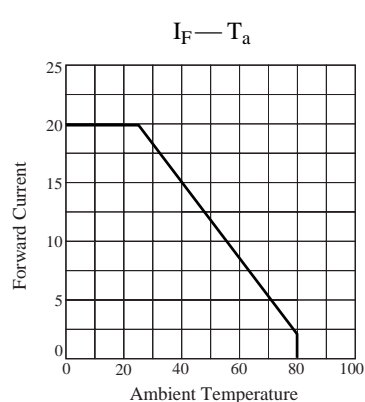
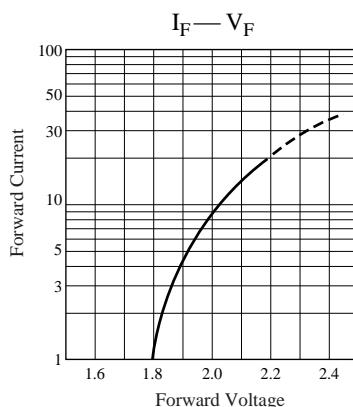
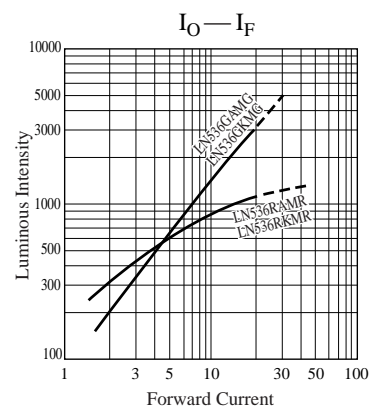
### Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

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

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           | $V_R$ |
| LN533RAMR             | Red            | Anode   | 600            | 250            | 250            | 5     | 2.2   | 2.8 | 700         | 100             | 20    | 10            | 5     |
| LN533RKMR             | Red            | Cathode | 600            | 250            | 250            | 5     | 2.2   | 2.8 | 700         | 100             | 20    | 10            | 5     |
| LN533GAMG             | Green          | Anode   | 1500           | 600            | 500            | 10    | 2.2   | 2.8 | 565         | 30              | 20    | 10            | 5     |
| LN533GKMG             | Green          | Cathode | 1500           | 600            | 500            | 10    | 2.2   | 2.8 | 565         | 30              | 20    | 10            | 5     |
| Unit                  | —              | —       | $\mu\text{cd}$ | $\mu\text{cd}$ | $\mu\text{cd}$ | mA    | V     | V   | nm          | nm              | mA    | $\mu\text{A}$ | V     |



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