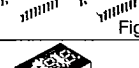




## Light-Emitting Diodes



T-41-33

| Digit count                                                                                 | Shape                                                                                       | Character height (outer dimensions) (mm) | Common                  | Emitting color<br>Emitting material<br>$\lambda_p$ (nm) | Red                    | Orange                  | Yellow                  | Green    | Reference Catalog |  |  |  |  |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------|-------------------------|---------------------------------------------------------|------------------------|-------------------------|-------------------------|----------|-------------------|--|--|--|--|
|                                                                                             |                                                                                             |                                          |                         |                                                         | GaAsP on GaP           |                         |                         |          |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          |                         |                                                         | 650/635                | 610                     | 585                     | 563      |                   |  |  |  |  |
| Single Digit                                                                                |  Fig. 21   | 25<br>(24×34)                            | Anode                   | LA-101VF <sup>*3</sup>                                  | LA-101DF               | LA-101YF                | LA-101MF                | No. 2701 |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LA-101VP                                                | LA-101DP               | LA-101YP <sup>*3</sup>  | LA-101MP <sup>*3</sup>  |          |                   |  |  |  |  |
|                                                                                             |  Fig. 22   | 25<br>(24×34)                            | Anode                   | —                                                       |                        |                         |                         |          | —                 |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LA-101MVP (Red/Green Two-color light emission)          |                        |                         |                         |          |                   |  |  |  |  |
|                                                                                             |  Fig. 23   | 57<br>(48×70)                            | Anode                   | LA-221LR <sup>*2</sup>                                  | —                      | —                       | —                       | —        |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | —                                                       | —                      | —                       | —                       |          |                   |  |  |  |  |
| Two Digit                                                                                   |  Fig. 24   | 6<br>(16×12)                             | Anode                   | LB-202VA                                                | LB-202DA <sup>*3</sup> | —                       | LB-202MA <sup>*3</sup>  | No. 2701 |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-202VK                                                | LB-202DK <sup>*3</sup> | —                       | LB-202MK <sup>*3</sup>  |          |                   |  |  |  |  |
|                                                                                             |  Fig. 25   | 6.4<br>(12.8×15)                         | Anode                   | LB-202VB                                                | LB-202DB               | LB-202YB                | LB-202MB                | No. 2701 |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-202VL                                                | LB-202DL               | LB-202YL                | LB-202ML                |          |                   |  |  |  |  |
|                                                                                             |  Fig. 26   | 7.62<br>(12.8×15)                        | Anode                   | LB-302VF <sup>*3</sup>                                  | LB-302DF <sup>*3</sup> | LB-302YF <sup>*3</sup>  | LB-302MF <sup>*3</sup>  | —        |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-302VP <sup>*3</sup>                                  | LB-302DP <sup>*3</sup> | LB-302YP <sup>*3</sup>  | LB-302MP <sup>*3</sup>  |          |                   |  |  |  |  |
|                                                                                             |  Fig. 27   | 10<br>(22×16)                            | Anode                   | LB-402VA                                                | LB-402DA               | —                       | LB-402MA                | No. 2701 |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-402VK                                                | LB-402DK <sup>*3</sup> | —                       | LB-402MK                |          |                   |  |  |  |  |
|                                                                                             |  Fig. 28   | 10.16<br>(24×18)                         | Anode                   | LB-402VD                                                | LB-402DD               | LB-402YD                | LB-402MD                | No. 2954 |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-402VN                                                | LB-402DN               | LB-402YN                | LB-402MN                |          |                   |  |  |  |  |
|                                                                                             |  Fig. 29   | 13<br>(25×17.5)                          | Anode                   | LB-502VD <sup>*3</sup>                                  | LB-502DD <sup>*3</sup> | —                       | LB-502MD                | No. 2955 |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-502VN <sup>*3</sup>                                  | LB-502DN <sup>*3</sup> | —                       | LB-502MN <sup>*3</sup>  |          |                   |  |  |  |  |
|                                                                                             |  Fig. 30 | 14.3<br>(25×19)                          | Anode                   | LB-602VA2                                               | LB-602DA2              | LB-602YA2               | LB-602MA2               | No. 2701 |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-602VK2                                               | LB-602DK2              | LB-602YK2               | LB-602MK2               |          |                   |  |  |  |  |
|                                                                                             |  Fig. 31 | 14.3<br>(25×18)                          | Anode                   | LB-602VF <sup>*3</sup>                                  | —                      | —                       | LB-602MF <sup>*3</sup>  | —        |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-602VP <sup>*3</sup>                                  | —                      | —                       | LB-602MP <sup>*3</sup>  |          |                   |  |  |  |  |
|                                                                                             |  Fig. 32 | 14.3<br>(25×18)                          | Anode                   | LB-602VF1 <sup>*3</sup>                                 | —                      | —                       | LB-602MF1 <sup>*3</sup> | —        |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-602VP1 <sup>*3</sup>                                 | —                      | —                       | LB-602MP1 <sup>*3</sup> |          |                   |  |  |  |  |
|                                                                                             |  Fig. 33 | 14.22<br>(25.0×19)                       | Anode                   | LB-6710/6910 <sup>*1+3</sup>                            | LB-6610 <sup>*1</sup>  | LB-6810 <sup>*1</sup>   | LB-6410 <sup>*1</sup>   | —        |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-6740/6940 <sup>*1</sup>                              | LB-6640 <sup>*1</sup>  | LB-6840 <sup>*1+3</sup> | LB-6440 <sup>*1</sup>   |          |                   |  |  |  |  |
|                                                                                             |  Fig. 34 | 14.22<br>(25.0×19)                       | Anode                   | LB-6730/6930 <sup>*1</sup>                              | LB-6630 <sup>*1</sup>  | LB-6830 <sup>*1</sup>   | LB-6430 <sup>*1</sup>   | —        |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-6750/6950 <sup>*1</sup>                              | LB-6650 <sup>*1</sup>  | LB-6850 <sup>*1</sup>   | LB-6450 <sup>*1</sup>   |          |                   |  |  |  |  |
| Three Digit                                                                                 |  Fig. 35 | 6.4<br>(19.2×15)                         | Anode                   | LB-203VB                                                | LB-203DB               | LB-203YB                | LB-203MB                | No. 2701 |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-203VL                                                | LB-203DL               | LB-203YL                | LB-203ML                |          |                   |  |  |  |  |
|                                                                                             |  Fig. 36 | 8<br>(22×13)                             | Anode                   | LB-303VA <sup>*3</sup>                                  | LB-303DA <sup>*3</sup> | —                       | LB-303MA <sup>*3</sup>  | —        |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-303VK <sup>*3</sup>                                  | LB-303DK <sup>*3</sup> | —                       | LB-303MK <sup>*3</sup>  |          |                   |  |  |  |  |
|                                                                                             |  Fig. 37 | 9.16<br>(33×16)                          | Anode                   | LB-403VD <sup>*3</sup>                                  | LB-403DD <sup>*3</sup> | —                       | LB-403MD                | —        |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LB-403VN <sup>*3</sup>                                  | LB-403DN <sup>*3</sup> | —                       | LB-403MN                |          |                   |  |  |  |  |
|                                                                                             |  Fig. 38 | 10<br>(26×16)                            | Anode                   | LB-403VF <sup>*3</sup>                                  | LB-403DF <sup>*3</sup> | —                       | LB-403MF <sup>*3</sup>  | —        |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | —                                                       | —                      | —                       | —                       |          |                   |  |  |  |  |
|  Fig. 39 | 14.3<br>(37.5×18)                                                                           | Anode                                    | LB-603VF <sup>*3</sup>  | —                                                       | —                      | LB-603MF <sup>*3</sup>  | —                       |          |                   |  |  |  |  |
|                                                                                             |                                                                                             | Cathode                                  | LB-603VP <sup>*3</sup>  | —                                                       | —                      | LB-603MP <sup>*3</sup>  |                         |          |                   |  |  |  |  |
|  Fig. 40 | 14.3<br>(37.5×18)                                                                           | Anode                                    | LB-603VF1 <sup>*3</sup> | —                                                       | —                      | LB-603MF1 <sup>*3</sup> | —                       |          |                   |  |  |  |  |
|                                                                                             |                                                                                             | Cathode                                  | LB-603VP1 <sup>*3</sup> | —                                                       | —                      | LB-603MP1 <sup>*3</sup> |                         |          |                   |  |  |  |  |
| Four Digit                                                                                  |  Fig. 41 | 6<br>(36×11)<br>Dynamic drive            | Anode                   | LC-204VB                                                | LC-204DB               | —                       | LC-204MB <sup>*3</sup>  | No. 2701 |                   |  |  |  |  |
|                                                                                             |                                                                                             |                                          | Cathode                 | LC-204VL                                                | LC-204DL               | —                       | LC-204ML                |          |                   |  |  |  |  |

\*1 Surface finished gray \*2 Emitting material: GaAlAs  $\lambda_p$ : 660 nm \*3 Need a lead time for delivery