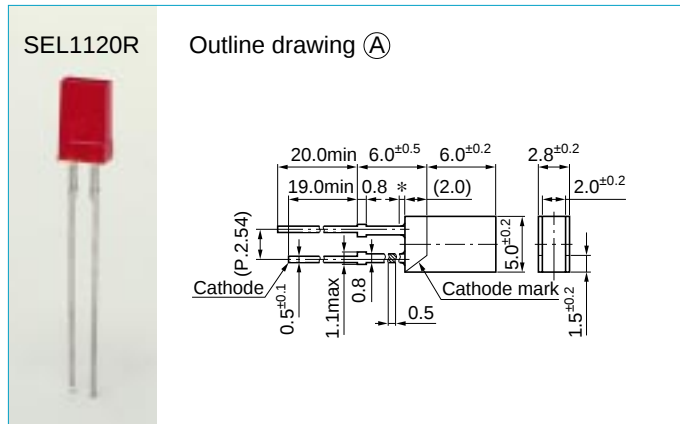
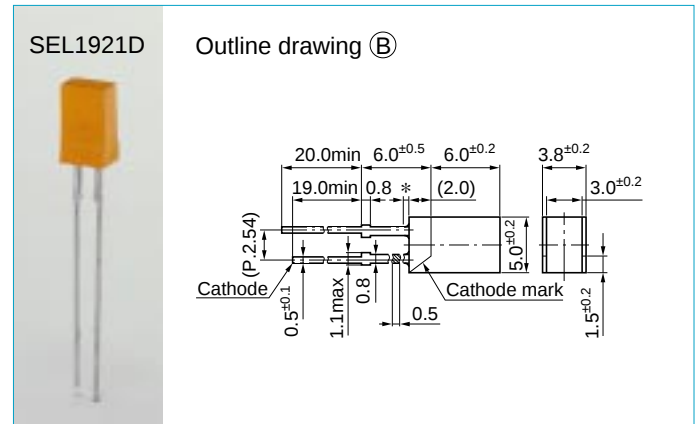


## Square display LEDs

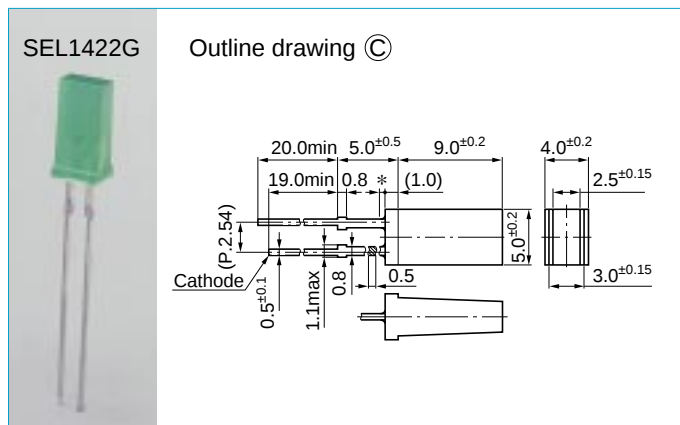
### SEL1020 series



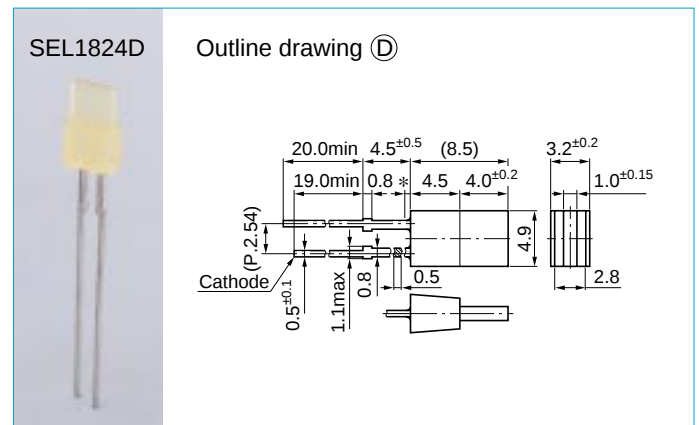
### SEL1021 series



### SEL1022 series



### SEL1024 series



■External dimensions: Unit: mm Tolerance:  $\pm 0.3$   
 \* Resin heap: 1.5 mm Max

**Absolute maximum ratings (Ta=25°C)**

| Symbol          | Unit | Ratings     |
|-----------------|------|-------------|
| I <sub>F</sub>  | mA   | 30          |
| I <sub>FP</sub> | mA   | 100         |
| V <sub>R</sub>  | V    | 3           |
| Top             | °C   | −30 to +85  |
| Tstg            | °C   | −30 to +100 |

| Type No. | Display form<br>(ø: mm)                                                             | Type of lens            | Emitting color     | Electro-optical characteristics (Ta=25°C) |     |                                  |                        |                                 |                         |                                  |                |     | Outline drawing |
|----------|-------------------------------------------------------------------------------------|-------------------------|--------------------|-------------------------------------------|-----|----------------------------------|------------------------|---------------------------------|-------------------------|----------------------------------|----------------|-----|-----------------|
|          |                                                                                     |                         |                    | V <sub>F</sub><br>(V)                     |     | Condition I <sub>F</sub><br>(mA) | I <sub>R</sub><br>(μA) | Condition V <sub>R</sub><br>(V) | I <sub>V</sub><br>(mcd) | Condition I <sub>F</sub><br>(mA) | λ <sub>p</sub> | Δλ  |                 |
|          |                                                                                     |                         |                    | typ                                       | max |                                  |                        |                                 |                         |                                  |                |     |                 |
| SEL1120R |    | Red tinted, diffused    | Red                | 2.0                                       | 2.5 | 10                               | 50                     | 3                               | 0.7                     | 10                               | 700            | 100 | Ⓐ               |
| SEL1420G |    | Green tinted, diffused  | Green              |                                           |     |                                  |                        |                                 | 2.0                     | 20                               | 560            | 20  |                 |
| SEL1720Y |    | Yellow tinted, diffused | Yellow             |                                           |     |                                  |                        |                                 | 0.7                     | 10                               | 570            | 40  |                 |
| SEL1820D |    | Orange tinted, diffused | Amber              | 2.0                                       |     |                                  |                        |                                 | 610                     |                                  | 35             |     |                 |
| SEL1920D |    | Orange tinted, diffused | Orange             | 0.7                                       |     |                                  |                        |                                 | 587                     |                                  | 33             |     |                 |
| SEL1121R |    | Red tinted, diffused    | Red                | 2.0                                       | 2.5 | 10                               | 50                     | 3                               | 0.7                     | 10                               | 700            | 100 | Ⓑ               |
| SEL1421G |    | Green tinted, diffused  | Green              |                                           |     |                                  |                        |                                 | 2.0                     | 20                               | 560            | 20  |                 |
| SEL1721Y |   | Yellow tinted, diffused | Yellow             |                                           |     |                                  |                        |                                 | 0.7                     | 10                               | 570            | 40  |                 |
| SEL1821D |  | Orange tinted, diffused | Amber              | 1.5                                       |     |                                  |                        |                                 | 610                     |                                  | 35             |     |                 |
| SEL1921D |  | Orange tinted, diffused | Orange             | 0.7                                       |     |                                  |                        |                                 | 587                     |                                  | 33             |     |                 |
| SEL1222R |  | Red tinted, diffused    | High intensity red | 1.9                                       | 2.5 | 10                               | 50                     | 3                               | 5.0                     | 20                               | 630            | 35  | Ⓒ               |
| SEL1422G |  | Green tinted, diffused  | Green              | 2.0                                       |     |                                  |                        |                                 | 4.0                     | 10                               | 560            | 20  |                 |
| SEL1722Y |  | Yellow tinted, diffused | Yellow             |                                           |     |                                  |                        |                                 | 4.0                     |                                  | 570            | 40  |                 |
| SEL1822D |  | Orange tinted, diffused | Amber              |                                           |     |                                  |                        |                                 | 2.5                     |                                  | 610            | 35  |                 |
| SEL1922D |  | Orange tinted, diffused | Orange             | 1.9                                       |     |                                  |                        |                                 | 3.0                     |                                  | 587            | 33  |                 |
| SEL1124R |  | Red tinted, diffused    | Red                | 2.0                                       | 2.5 | 10                               | 50                     | 3                               | 0.7                     | 10                               | 700            | 100 | Ⓓ               |
| SEL1424G |  | Green tinted, diffused  | Green              |                                           |     |                                  |                        |                                 | 2.0                     | 20                               | 560            | 20  |                 |
| SEL1724Y |  | Yellow tinted, diffused | Yellow             |                                           |     |                                  |                        |                                 | 0.7                     | 10                               | 570            | 40  |                 |
| SEL1824D |  | Orange tinted, diffused | Amber              | 1.9                                       |     |                                  |                        |                                 | 2.1                     |                                  | 610            | 35  |                 |
| SEL1924D |  | Orange tinted, diffused | Orange             |                                           |     |                                  |                        |                                 | 0.7                     |                                  | 587            | 33  |                 |