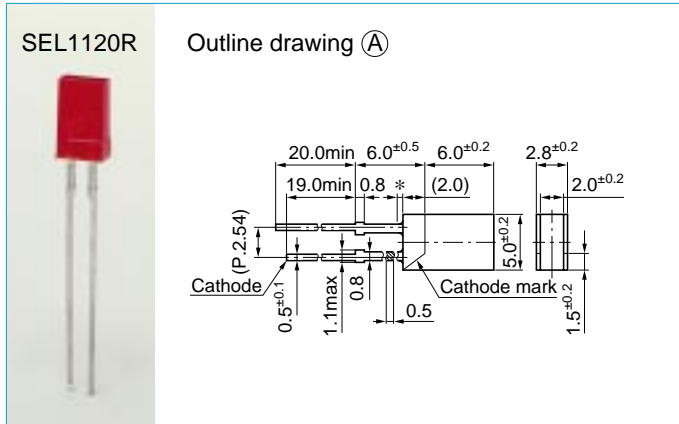
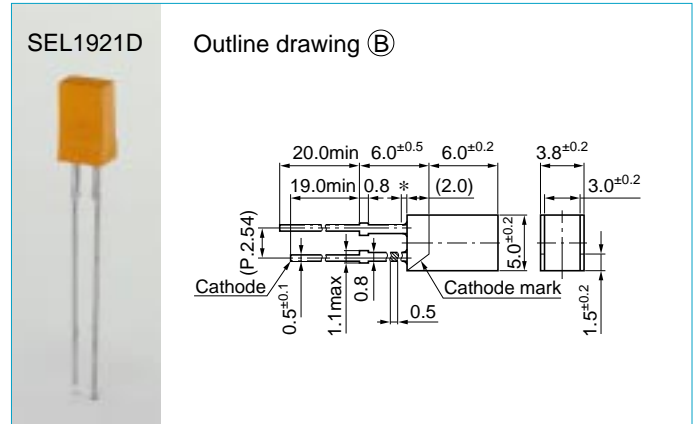


# Square display LEDs

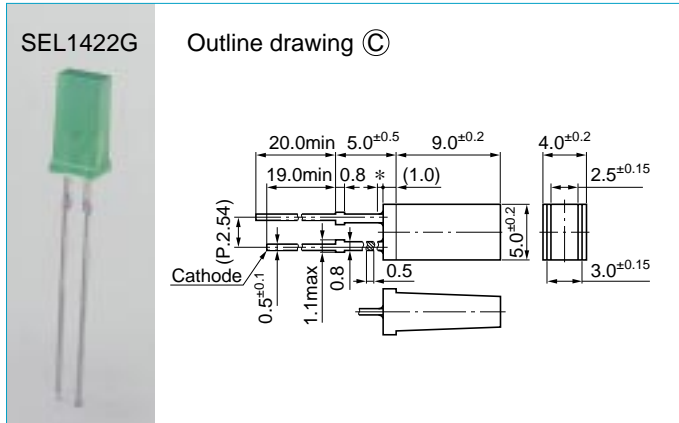
## SEL1020 series



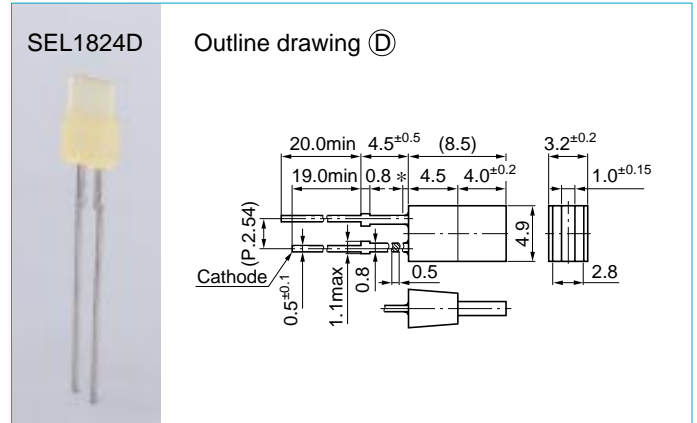
## SEL1021 series



## SEL1022 series























## SEL1024 series



External dimensions: Unit: mm Tolerance: ±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> (V)                        |     | Condition I <sub>F</sub> (mA) | I <sub>R</sub> (μA) | Condition V <sub>R</sub> (V) | I <sub>v</sub> (mcd) | Condition I <sub>F</sub> (mA) | λ <sub>p</sub> | Δλ  |                 |
|          |   |                         |                    | typ                                       | max |                               | max                 |                              | typ                  |                               | (nm)           | typ |                 |
| SEL1120R |  2x5     | Red tinted, diffused    | Red                | 2.0                                       | 2.5 | 10                            | 50                  | 3                            | 0.7                  | 10                            | 700            | 100 | Ⓐ               |
| SEL1420G |  2x5     | Green tinted, diffused  | Green              |   |     |                               |                     |                              | 2.0                  | 20                            | 560            | 20  |                 |
| SEL1720Y |  2x5     | Yellow tinted, diffused | Yellow             | 1.9                                       | 2.5 | 10                            | 50                  | 3                            | 0.7                  | 10                            | 570            | 40  |                 |
| SEL1820D |  2x5     | Orange tinted, diffused | Amber              |   |     |                               |                     |                              | 2.0                  |                               | 610            | 35  |                 |
| SEL1920D |  2x5     | Orange tinted, diffused | Orange             | 0.7                                       | 587 | 33                            |                     |                              |                      |                               |                |     |                 |
| SEL1121R |  3x5     | Red tinted, diffused    | Red                | 2.0                                       | 2.5 | 10                            | 50                  | 3                            | 0.7                  | 10                            | 700            | 100 | Ⓑ               |
| SEL1421G |  3x5   | Green tinted, diffused  | Green              |   |     |                               |                     |                              | 2.0                  | 20                            | 560            | 20  |                 |
| SEL1721Y |  3x5   | Yellow tinted, diffused | Yellow             | 1.9                                       | 2.5 | 10                            | 50                  | 3                            | 0.7                  | 10                            | 570            | 40  |                 |
| SEL1821D |  3x5   | Orange tinted, diffused | Amber              |   |     |                               |                     |                              | 1.5                  |                               | 610            | 35  |                 |
| SEL1921D |  3x5   | Orange tinted, diffused | Orange             | 0.7                                       | 587 | 33                            |                     |                              |                      |                               |                |     |                 |
| SEL1222R |  2.5x5 | Red tinted, diffused    | High intensity red | 1.9                                       | 2.5 | 10                            | 50                  | 3                            | 5.0                  | 20                            | 630            | 35  | Ⓒ               |
| SEL1422G |  2.5x5 | Green tinted, diffused  | Green              | 2.0                                       |     |                               |                     |                              | 4.0                  | 560                           | 20             |     |                 |
| SEL1722Y |  2.5x5 | Yellow tinted, diffused | Yellow             | 1.9                                       | 2.5 | 10                            | 50                  | 3                            | 4.0                  | 10                            | 570            | 40  |                 |
| SEL1822D |  2.5x5 | Orange tinted, diffused | Amber              |   |     |                               |                     |                              | 2.5                  |                               | 610            | 35  |                 |
| SEL1922D |  2.5x5 | Orange tinted, diffused | Orange             | 3.0                                       | 587 | 33                            |                     |                              |                      |                               |                |     |                 |
| SEL1124R |  1x4.9 | Red tinted, diffused    | Red                | 2.0                                       | 2.5 | 10                            | 50                  | 3                            | 0.7                  | 10                            | 700            | 100 | Ⓓ               |
| SEL1424G |  1x4.9 | Green tinted, diffused  | Green              |   |     |                               |                     |                              | 2.0                  | 20                            | 560            | 20  |                 |
| SEL1724Y |  1x4.9 | Yellow tinted, diffused | Yellow             | 1.9                                       | 2.5 | 10                            | 50                  | 3                            | 0.7                  | 10                            | 570            | 40  |                 |
| SEL1824D |  1x4.9 | Orange tinted, diffused | Amber              |   |     |                               |                     |                              | 2.1                  |                               | 610            | 35  |                 |
| SEL1924D |  1x4.9 | Orange tinted, diffused | Orange             | 0.7                                       | 587 | 33                            |                     |                              |                      |                               |                |     |                 |