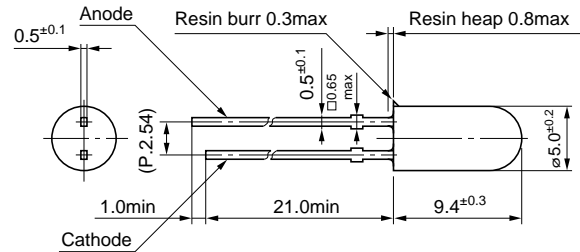


# 5ø round-type contact mount LEDs (for automatic insertion)

## SEL1050 series (narrow viewing angle)



Outline drawing (A)

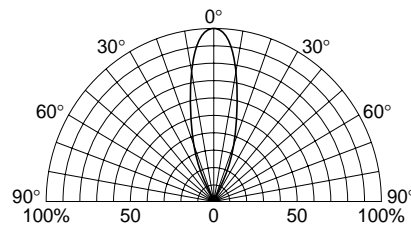


External dimensions: Unit: mm Tolerance: ±0.3

### 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 |

### Viewing angle



Viewing angle of a non-diffused lens

| Type No.   | Display form (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) | λ <sub>p</sub> (nm) | Δλ (nm) |                 |                               |
|            |                      |                             |                    | typ                                       | max |                               | max                 |                              | typ                  |                     |         |                 | Condition I <sub>F</sub> (mA) |
| SEL1250SM  | ●5                   | Red tinted, non-diffused    | High intensity red | 1.9                                       | 2.5 | 10                            | 50                  | 3                            | 34                   | 20                  | 630     | 35              | (A)                           |
| SEL1450EKM | ●5                   | Green tinted, non-diffused  | Green              | 2.0                                       |     |                               |                     |                              | 95                   |                     | 560     | 20              |                               |
| SEL1550CM  | ●5                   | Un-tinted, non-diffused     | Pure green         | 2.0                                       |     |                               |                     |                              | 36                   |                     | 555     | 20              |                               |
| SEL1950KM  | ●5                   | Yellow tinted, non-diffused | Orange             | 1.9                                       |     |                               |                     |                              | 64                   |                     | 587     | 33              |                               |