

SURFACE MOUNT CHIP LED LAMPS

Model No. LEM-95121D

FEATURES:

- Ultra compact (1.6×0.8×0.8)
- ※Auto insertable.
Using 8 mm wide tape
- ※Ultra low profile

APPLICATION:

- ※ Indicators on printed circuit boards
- ※ LCD Back-lights
- ※ Illuminations
- ※ Automotive-Telecommunication

| | | | |
|---------------|----------|-----------------|-----------------|
| Emitted Color | Material | Wavelength (nm) | Lens Color |
| White | InGaN | 470 | Yellow Diffused |

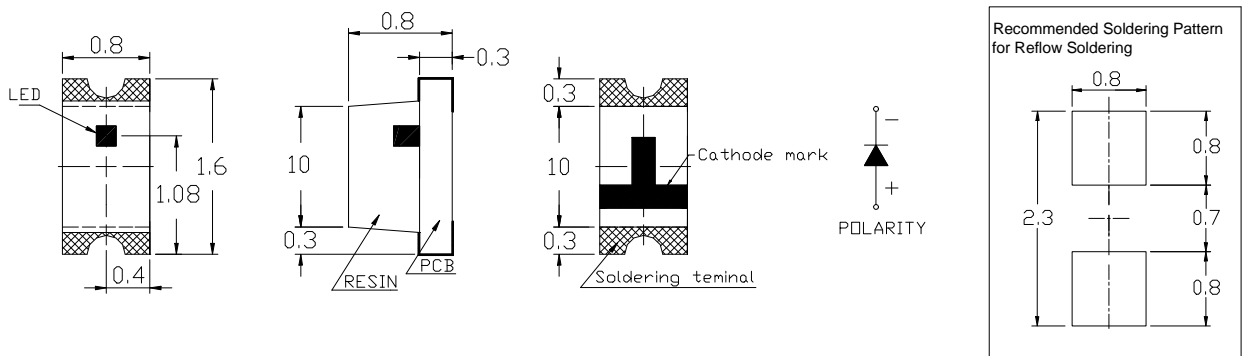
ABSOLUTE MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

| CHARACTERISTIC | SYMBOL | RATING | UNIT |
|------------------------|--------|------------|------|
| Power dissipation | Pm | 78 | mW |
| Forward direct current | IFm | 30 | mA |
| Peak forward current | IFp | 100 | mA |
| Reverse voltage | VRm | 5 | V |
| Operating temperature | Topr | -25 to +80 | °C |
| Storage temperature | Tstg | -30 to +85 | °C |

ELECTRO-OPTICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

| CHARACTERISTIC | SYMBOL | CONDITION | Min. | Typ. | Max. | UNIT |
|--------------------------|--------|-----------|------|------|------|------|
| Luminous intensity | Iv | IF=20mA | 45 | 95 | | mcd |
| Forward voltage | VF | IF=20mA | | 3.5 | 4.2 | V |
| Reverse current | IR | VR=5V | | | 10 | μA |
| Peak emission wavelength | λ P | IF=20mA | | - | | nm |
| Chromaticity coordinate | X | IF=20mA | | 0.29 | | |
| | Y | | | 0.29 | | |
| Viewing angle | 2θ 1/2 | IF=20mA | | 140 | | deg. |

PACKAGE DIMENSIONS OF DEVICE



- Note: 1. All dimensions are in millimeters.
 2. Tolerance is ±0.25mm unless otherwise specified.