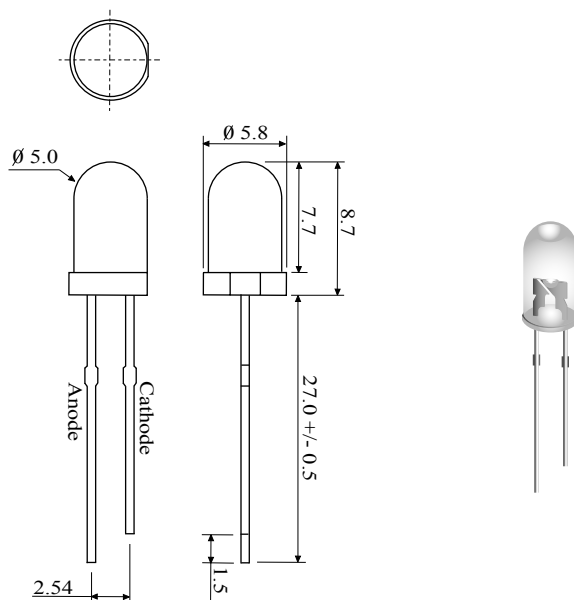


### LBL05IR940CI



NOTE: TOLERANCE +/- 0.2mm

- \* ABSOLUTE MAXIMUM RATINGS: (Ta=25°C)
- \* OPERATING TEMPERATURE: -40°C TO + 80°C
- \* LEAD SOLDERING : 260°C FOR 5 SECONDS

| PARAMETER                  | TEST CONDITION | Symbol  | MIN. | TYP. | MAX. | UNIT |
|----------------------------|----------------|---------|------|------|------|------|
| Forward Voltage            | IF=20mA        | VF      | 1.2  | 1.4  | 1.6  | V    |
|                            | IF=100mA       |         | -    | 1.7  | 1.95 |      |
| Reverse Current            | VR=5V          | IR      |      |      | 10   | uA   |
| Radiant Intensity          | IF=20mA        | Ee      | 11   | 21   | -    | mW   |
|                            | IF=100mA       |         | -    | 85   | -    |      |
| Peak Wavelength            | IF=20mA        | λ p     |      | 940  |      | nm   |
| Continuous Forward Current |                | IF      |      | 40   |      | mA   |
| Power dissipation          |                | Pd      |      | 110  |      | mW   |
| Viewing Angle              | Iy=20mA        | 2 θ 1/2 |      | 45   |      | deg  |