

LEDs

0603 SMD – Red

HL-9650

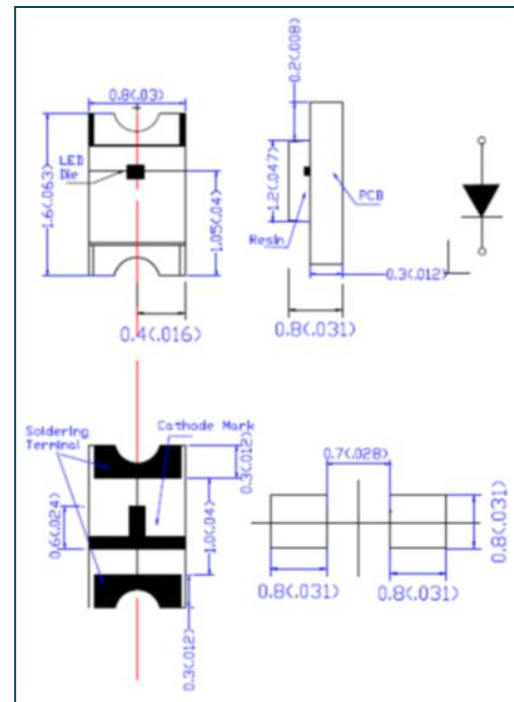
Descriptions:

Emitting Color: Red

Device Outline: 1.6x0.8x0.8mm

Lens Type: Water Clear

Package Configuration



Absolute Maximum Ratings ($T_a=25^\circ\text{C}$)

| Parameter | Max. | Unit. |
|---|---------------------|-------|
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width) | 150 | mA |
| Continuous Forward Current | 20 | mA |
| Reverse Voltage | 5 | V |
| Storage/Operating Temperature Range | -40 °C to +85°C | |
| Power Dissipation | 170mW | |
| Lead Soldering Temperature[4mm(.157") From Body] | 250°C for 5 Seconds | |

Electrical and optical characteristics

| Parameter | Symbol | Min. | Typ. | Max. | Unit. | Test Condition |
|---------------------|-----------------|------|------|------|-------|-------------------|
| Luminous Intensity | I_v | - | 250 | - | mcd | $I_f=20\text{mA}$ |
| Viewing Angle | $2\theta_{1/2}$ | - | 140 | - | deg. | |
| Dominant Wavelength | λ_d | - | 625 | - | nm | |