

## LEDs

0603 SMD – Green

HL-8800

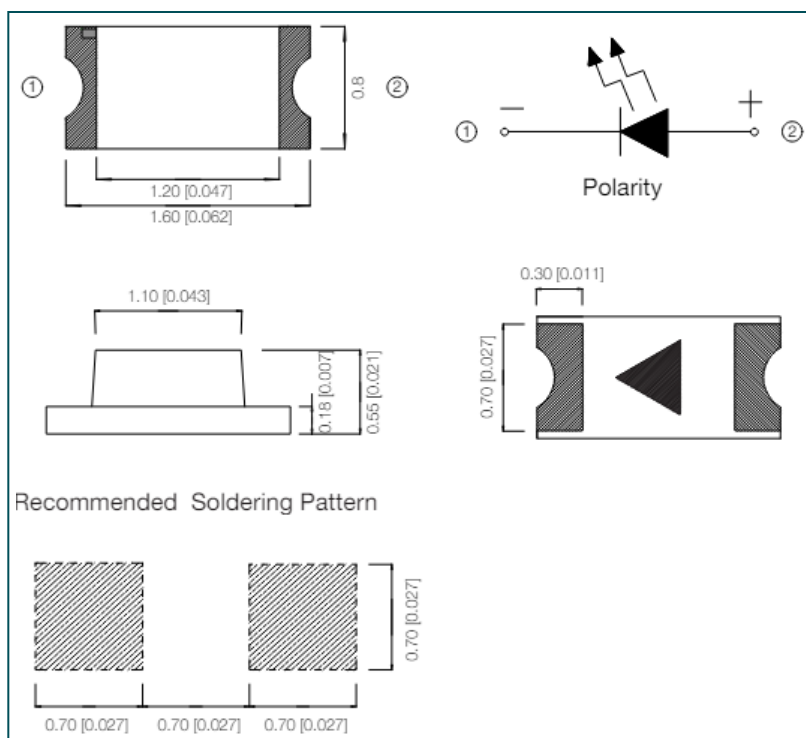
### Descriptions:

Emitting Color: Green

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  | $I_v$           | -    | 100  | -    | mcd   | $I_f=20\text{mA}$ |
| Viewing Angle       | $2\theta_{1/2}$ | -    | 130  | -    | deg.  |                   |
| Dominant Wavelength | $\lambda_d$     | 568  | -    | 574  | nm    |                   |