

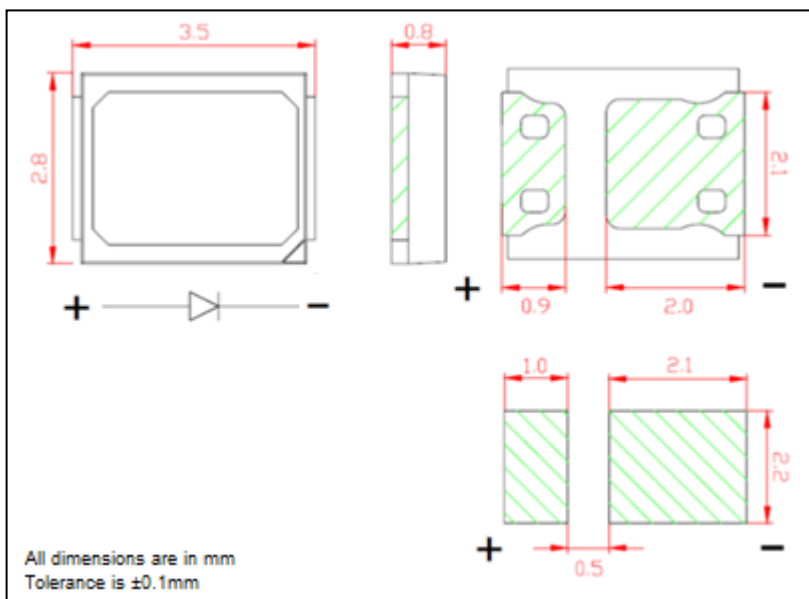
## LEDs

2835 SMD Type – White

HL-9711

### Package Configuration

| Descriptions:                    |
|----------------------------------|
| Emitting Color: White            |
| Device Outline: 2.8x3.5x0.8mm    |
| Lens Type: Yellow Diffused       |
| Minimum Order Quantity: 500 kpcs |



### Absolute Maximum Ratings (Ta=25°C)

| Parameter                                                 | Max.                | Unit. |
|-----------------------------------------------------------|---------------------|-------|
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width) | 100                 | mA    |
| Continuous Forward Current                                | 60                  | mA    |
| Reverse Voltage                                           | 5                   | V     |
| Operating Temperature Range                               | -40 °C to +85°C     |       |
| Storage Temperature Range                                 | -40 °C to +100°C    |       |
| 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 <sub>v</sub>    | -    | 26   | -    | lumens | I <sub>f</sub> =60 mA |
| Viewing Angle         | 2θ <sub>1/2</sub> | -    | 120  | -    | deg.   |                       |
| Color Temperature     | -                 | -    | 6000 | -    | K      |                       |
| Forward Voltage       | V <sub>F</sub>    | -    | 3.3  | -    | V      |                       |
| Color Rendering Index | CRI               | 80   | -    | -    | -      |                       |