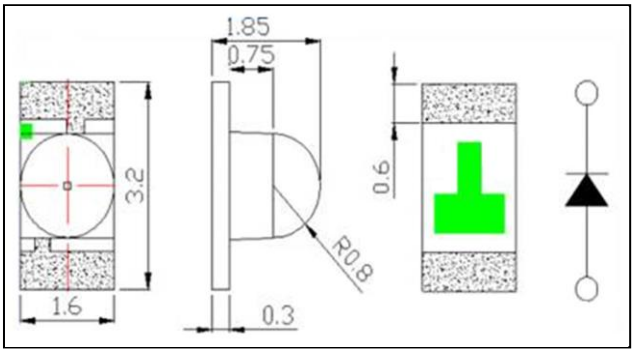
# LEDs

## 1206 SMD Red – Reverse Mount HL-8603

### Package Configuration

| Descriptions: |
|---|
| Emitting Color: Red |
| Device Outline: 3.2x1.6x1.85mm |
| Lens Type: Water Clear |




## Absolute Maximum Ratings (Ta=25ºC)

| Parameter | Max. | Unit. |
|---|---|---|
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width) | 100 | mA |
| Continuous Forward Current | 20 | mA |
| Reverse Voltage | 5 | V |
| Operating Temperature Range | -40 ºC to +85ºC | |
| Storage Temperature Range | -40 ºC to +100ºC | |
| Lead Soldering Temperature[4mm(.157") From Body] | 250ºC for 5 Seconds | |

## Electrical and optical characteristics

| Parameter | Symbol | Min. | Typ. | Max. | Unit. | Test Condition |
|---|---|---|---|---|---|---|
| Luminous Intensity | $I_V$ | 100 | - | 140 | mcd | $I_F$=20mA |
| Viewing Angle | 2θ 1/2 | - | 130º | - | Deg. | |
| Dominant Wavelength | Δd | 620 | - | 625 | nm | |
| Forward Voltage | $V_F$ | 1.6 | 2.0 | 2.4 | V | |

HIB Semicondutores EIRELI | Hosonic Industrial do Brasil LTDA
Rua Nereu Ramos, 366 | Bairro Trevo Guarany | CEP 85501-370 | Pato Branco | Paraná | Brasil | +55 46 3220 8800