

# SMD LED Dióda 3528, LS E6SF, Červená

## Kódy produktov:

Kód produktu: AM3805

EAN13: -

HS kód: 85414100

## Parametry produktu:

Farba svetla: Červená

Vlnová dĺžka: 627-639 nm

Uhol svitu: 120-130°

Prúd: 100 mA

Napätie: 1,9-2,5 V DC

Životnosť: 50 000 hodín

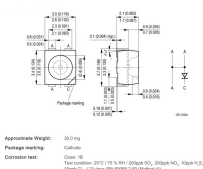


## Varianty produktu:

## Popis produktu:

Parametre LED diódy nájdete v špecifikácii produktu.

## Galerie:



| Characteristics   |                      |           |
|---|----------------------|-----------|
| L=10mm, T <sub>a</sub> =25°C                              |                      |           |
| Parameter   | Symbol               | Value     |
| Peak Wavelength   | λ <sub>p</sub>       | 627 nm    |
| Operational Wavelength <sup>1</sup>                       | λ <sub>o</sub>       | 627 nm    |
| L=10mm  | λ <sub>o</sub>       | 627 nm    |
| Quality factor at 20% I <sub>o</sub>                      | Q <sub>20</sub>      | 1.00      |
| Viewing angle at 20% I <sub>o</sub>                       | θ <sub>v</sub>       | 120°      |
| Forward voltage <sup>2</sup>                              | V <sub>f</sub>       | 1.9-2.5 V |
| L=10mm  | V <sub>f</sub>       | 1.9-2.5 V |
| Reverse current <sup>3</sup>                              | I <sub>r</sub>       | 50 μA     |
| Temperature Coefficient of Peak Wavelength                | TC <sub>λp</sub>     | 0.1 nm/K  |
| 20% I <sub>o</sub> at 100°C                               | I <sub>o</sub>       | 100 μA    |
| Peak forward operating power (continuous)                 | P <sub>o</sub>       | 100 mW    |
| Standard thermal resistance junction-to-lead <sup>4</sup> | R <sub>th(j-l)</sub> | 10 K/W    |
| with efficiency η <sub>v</sub> 20%                        | η <sub>v</sub>       | 80.0%     |

| Maximum Ratings  |                  |             |
|--|------------------|-------------|
| Parameter <sup>1</sup>                                   | Symbol           | Value       |
| Operating Temperature                                    | T <sub>o</sub>   | max. 40°C   |
| Storage Temperature                                      | T <sub>s</sub>   | max. 40°C   |
| Junction Temperature                                     | T <sub>j</sub>   | max. 100°C  |
| Forward Current <sup>2</sup>                             | I <sub>f</sub>   | max. 100 mA |
| I <sub>f</sub> (pulsed) <sup>3</sup>                     | I <sub>f</sub>   | 300 mA      |
| Surge Current <sup>4</sup>                               | I <sub>s</sub>   | max. 500 mA |
| I <sub>s</sub> (pulsed) at 1000 Hz, T <sub>a</sub> =25°C | I <sub>s</sub>   | max. 10 V   |
| Reverse Voltage <sup>5</sup>                             | V <sub>r</sub>   | max. 10 V   |
| ESD Electrostatic Discharge                              | V <sub>esd</sub> | 2 kV        |

ESD Immunity Rating  
AEC-Q101-004-002, JEDEC JESD61 Class B