

# SMD LED dioda 3528, LS E6SF, rdeča

## Oznake izdelkov:

Koda izdelka: AM3805

EAN13: -

HS kód: 85414100



## Parametri izdelka:

Barva svetlobe: Rdeča

Valovna dolžina: 627-639 nm

Kot svetlobe: 120-130°

Trenutni: 100 mA

Napetost: 1,9-2,5 V DC

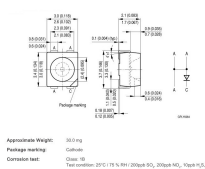
Doživljenjska doba: 50.000 ur

## Variante izdelkov:

## Opis izdelka:

Parametre LED lahko najdete v specifikaciji izdelka.

## Galerija:



Characteristics		
L = 10 mA, T <sub>a</sub> = 25 °C		
Parameter	Symbol	Value
Peak Wavelength	$\lambda_{p, \text{max}}$	627 nm
Operational Wavelength <sup>1</sup>	$\lambda_{o, \text{max}}$	627 nm
L = 10 mA	$\lambda_{o, \text{min}}$	639 nm
Quality factor at 20% I <sub>nom</sub>	Q <sub>20%</sub>	1.10
Viewing angle at 20% I <sub>nom</sub>	$\theta_{20\%}$	120°
Operating voltage <sup>2</sup>	$V_{f, \text{typ}}$	1.9 V
L = 10 mA	$V_{f, \text{max}}$	2.10 V
Reverse current <sup>3</sup>	$I_{r, \text{max}}$	50 μA
Temperature Coefficient of Peak Wavelength	$\alpha_{\lambda, \text{max}}$	1.1 nm/K
20% I <sub>nom</sub> at 100 °C	$V_{f, \text{max}}$	1.90 V
Peak forward operating power (continuous)	$P_{f, \text{max}}$	100 mW
Standard thermal impedance junction-to-ambient <sup>4</sup>	$R_{\theta, \text{max}}$	10 K/W
with efficiency $\eta_{e, \text{typ}}$	$R_{\theta, \text{max}}$	10 K/W

Maximum Ratings		
Parameter <sup>1</sup>	Symbol	Value
Operating Temperature	$T_{o, \text{max}}$	40 °C
Storage Temperature	$T_{s, \text{max}}$	25 °C
Junction Temperature	$T_{j, \text{max}}$	100 °C
Forward Current	$I_{f, \text{max}}$	100 mA
$I_{f, \text{max}}$ (Pulse)	$I_{f, \text{max}}$	200 mA
Surge Current <sup>2</sup>	$I_{s, \text{max}}$	500 mA
$I_{s, \text{max}}$ (Pulse at 1000 Hz, 1% duty cycle)	$I_{s, \text{max}}$	10 V
Reverse Voltage	$V_{r, \text{max}}$	10 V
ESD Electrostatic Discharge	$V_{esd}$	2 kV

ESD: HBM5K (ANSI/ESDA ESD-S20.20) Class 2