

SMD LED dioda 3528, LS E6SF, crvena

Šifra proizvoda: AM3805

EAN13: -

HS kód: 85414100

Varijante proizvoda:



Parametri proizvoda:

Boja svjetla: Crvena

Valna duljina: 627-639 nm

Kut svjetlosnog snopa: 120-130°

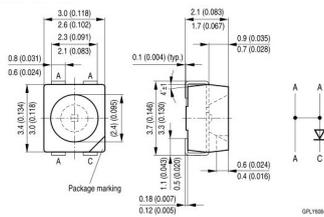
Trenutno: 100 mA

Napetost: 1,9-2,5 V DC

Vijek trajanja: 50 000 sati

Opis proizvoda:

Parametri LED-a mogu se pronaći u specifikaciji proizvoda.



Approximate Weight: 30.0 mg

Package marking: Cathode

Corrosion test: Class: 1B
Test condition: 25°C / 75% RH / 200ppb SO₂ / 200ppb NO_x / 10ppb H₂S, 10ppb Cl₂ / 21 days (EN 60068-2-60 (Method 4))

Characteristics

I_f = 50 mA; T_j = 25 °C

Parameter	Symbol	Values
Peak Wavelength	λ_{peak}	typ. 645 nm
Dominant Wavelength ⁽¹⁾	λ_{dom}	min. 627 nm typ. 633 nm max. 639 nm
Spectral Bandwidth at 50% I _{o,max}	$\Delta\lambda$	typ. 16 nm
Viewing angle at 50% I _f	2 ϕ	typ. 120 °
Forward Voltage ⁽¹⁾	V _f	min. 1.90 V typ. 2.15 V max. 2.50 V
Reverse current ⁽²⁾	I _r	typ. 0.01 μ A max. 10 μ A
Temperature Coefficient of Peak Wavelength -10°C \leq T \leq 100°C	TC _{peak}	typ. 0.15 nm / K
Real thermal resistance junction/solderpoint ⁽³⁾	R _{th(j-s)}	typ. 110 K / W max. 130 K / W
Electrical thermal resistance junction/solderpoint ⁽³⁾ with efficiency $\eta_e = 29\%$	R _{th(e-s)}	typ. 78 K / W max. 92 K / W

Maximum Ratings

Parameter	Symbol	Values
Operating Temperature	T _{op}	min. -40 °C max. 110 °C
Storage Temperature	T _{stg}	min. -40 °C max. 110 °C
Junction Temperature	T _j	max. 125 °C
Forward current T _j = 25 °C	I _f	max. 70 mA
Surge Current 1-5 μ s, D = 0.005; T _j = 25 °C	I _{sm}	max. 100 mA
Reverse voltage ⁽¹⁾ T _j = 25 °C	V _r	max. 12 V
ESD withstand voltage acc. to ANSI/ESDA/JEDEC JS-001 (HBM, Class 2)	V _{esd}	2 kV