Diodă LED SMD 3528, LS E6SF, roșu

coduri de produs:

Referinţă: AM3805
EAN13: -
UPC: 85414100

Caracteristicile produsului:

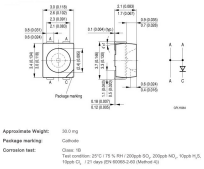
Culoarea luminii: Roșu
Lungime de undă: 627-639 nm
Unghiul fasciculului: 120-130°
Actual: 100 mA
Tensiune: 1,9-2,5 V DC
Durata de viata: 50.000 de ore

Atributele produsului:

Descriere produs:

Parametrii LED-ului pot fi găsiți în specificațiile produsului.

Galerie de produse:



Characteristics
I_F = 50 mA, T_a = 25 °C

Parameter	Symbol		Values
Peak Wavelength	λ_{peak}	typ.	645 nm
Dominant Wavelength [1]	λ_{dom}	min.	627 nm
I_F = 50 mA		typ.	633 nm
		max.	639 nm
Spectral Bandwidth at 50% $I_{F,peak}$	$\Delta\lambda$	typ.	16 nm
Viewing angle at 50% I_v	2φ	typ.	120 °
Forward Voltage [2]	V_F	min.	1.90 V
I_F = 50 mA		typ.	2.20 V
		max.	2.50 V
Reverse current [3]	I_R	typ.	0.01 µA
V_R = 10 V		max.	10 µA
Temperature Coefficient of Peak Wavelength -10°C ≤ T ≤ 100°C	$TC_{\lambda peak}$	typ.	0.15 nm / K
Real thermal resistance junction/solderpoint [4]	$R_{th\ JS\ real}$	typ.	110 K / W
		max.	130 K / W
Electrical thermal resistance junction/solderpoint [5] with efficiency η_e = 20 %	$R_{th\ JS\ el}$	typ.	70 K / W
		max.	82 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_s = 25 °C	I_F	max.	70 mA
Surge current 10 x 10 sec. T_a = 25 °C	I_{FM}	max.	100 mA
Reverse voltage [6] T_a = 25 °C	V_R	max.	12 V
ESD withstand voltage acc. to ANSI/ESDA/JEDEC JS-001 (HBM, Class 2)	V_{ESD}		2 kV

Approximate Weight: 30.0 mg
Package marking: Cathode
Corrosion test: Class: 1B
Test condition: 25°C / 75 % RH / 200ppb SO_2, 200ppb NO_2, 10ppb H_2S, 10ppb Cl_2 ; 21 days (EN 60068-2-60 (Method 4))