SMD LED Dioda 3528, LS E6SF, Červená

Kódy produktů:

Kód produktu: AM3805
EAN13: -
HS kód: 85414100

Parametry produktu:

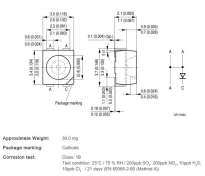
Barva světla: Červená
Vlnová délka: 627-639 nm
Úhel svitu: 120-130°
Proud: 100 mA
Napětí: 1,9-2,5 V DC
Životnost: 50 000 hodin

Varianty produktu:

Popis výrobku:

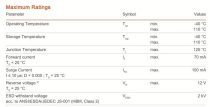
Parametry LED diody naleznete ve specifikaci produktu.

Galerie:



Characteristics
I_F = 50 mA, T_a = 25 °C

Parameter	Symbol		Values
Peak Wavelength	λ_{peak}	typ.	640 nm
Dominant Wavelength [1]	λ_{dom}	min.	627 nm
I_F = 50 mA		typ.	633 nm
		max.	639 nm
Spectral Bandwidth at 50% $I_{rel max}$	$\Delta\lambda$	typ.	18 nm
Viewing angle at 50% I_v	2φ	typ.	130 °
Forward Voltage [2]	V_F	min.	1.90 V
I_F = 50 mA		typ.	2.15 V
		max.	2.50 V
Reverse current [3]	I_R	typ.	0.01 µA
V_R = 12 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]	$R_{th\ j\ sp\ real}$	typ.	110 K / W
		max.	130 K / W
Electrical thermal resistance (junction/solderpoint) [5] with efficiency η_e = 20 %	$R_{th\ j\ sp\ el}$	typ.	70 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	I_F	max.	70 mA
T_s = 25 °C			
Surge Current t ≤ 10 µs; D = 0.005 ; T_s = 25 °C	I_{FM}	max.	150 mA
Reverse voltage [6] T_s = 25 °C	V_R	max.	12 V
ESD withstand voltage acc. to ANSI/ESDA/JEDEC JS-001 (HBM, Class 2)	V_{ESD}		2 kV