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customized optoelectronics



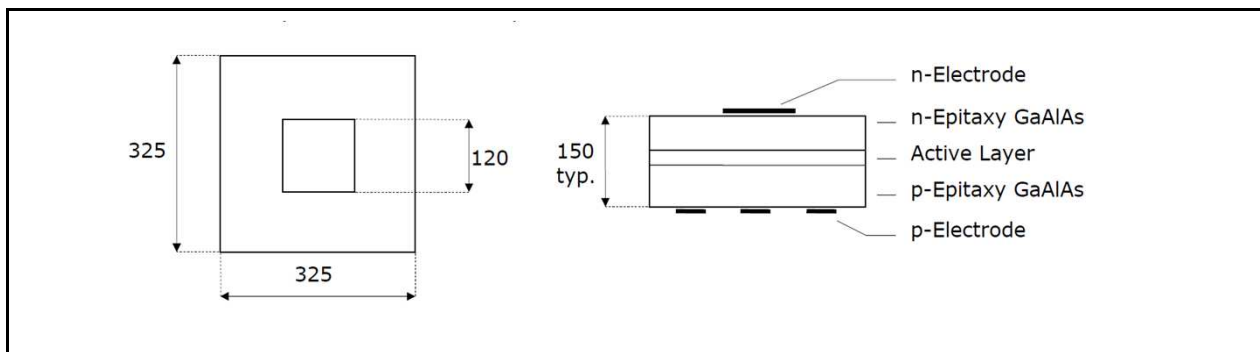
Product Data Sheet

LED Chip Infra Red

EOLC-760-25

Rev. 01 aus 2011

Radiation	Type	Electrodes
Infra Red	DDH	N (cathode) up



Optical and Electrical Characteristics

$T_{amb} = 25^{\circ}\text{C}$, unless otherwise specified

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F = 20\text{mA}$	V_F		1.65	2.00	V
Reverse voltage	$I_R = 100\mu\text{A}$	V_R	5			V
Output Power*	$I_F = 20\text{mA}$	Φ_e	1.5	2.5		mW
Switching time	$I_F = 20\text{mA}$	t_r, t_f		40/30		ns
Peak wavelength	$I_F = 20\text{mA}$	λ_p	755	760	765	nm
Spectral bandwidth at 50%	$I_F = 20\text{mA}$	$\Delta\lambda_{0.5}$		27		nm

*Power measurement on gold plate

Labeling

Type	Lot N°	Φ_e (typ) [mW]	V_F (typ) [V]	Qty.
EOLC-760-25				

Packing

Chips on adhesive film with wire bond side up