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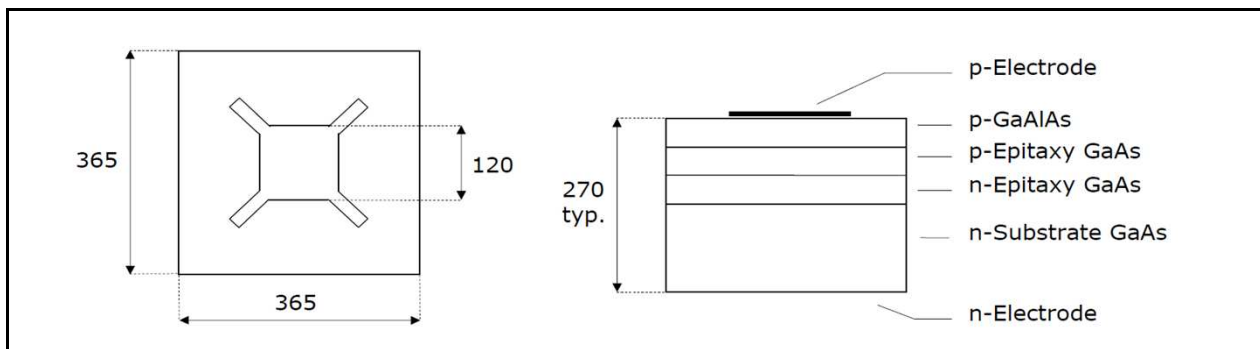
Product Data Sheet

LED Chip Infra Red

EOLC-935-17

Rev. 01 aus 2011

Radiation	Type	Electrodes
Infra Red	DH	P (anode) 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		1.20	1.40	V
Reverse current	$I_R = 5\text{V}$	I_R			10	μA
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		500		ns
Peak wavelength	$I_F = 20\text{mA}$	λ_p	930	935	940	nm
Spectral bandwidth at 50%	$I_F = 20\text{mA}$	$\Delta\lambda_{0.5}$		66		nm

*Power measurement on gold plate

Labeling

Type	Lot N°	Φ_e (typ) [mW]	V_F (typ) [V]	Quantity
EOLC-935-17				

Packing

Chips on adhesive film with wire-bond side top