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customized optoelectronics



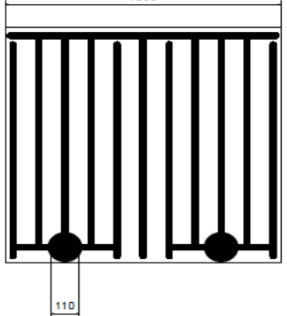
Product Data Sheet

LED Chip VIS

EOLC-630-21

Rev. 01 aus 2011

Radiation	Type	Electrodes
Red	MQW AlInGaP/Si	N (cathode) up

	<p>typ. dimension in μm ($\pm 25\mu\text{m}$)</p> <p>typ. thickness 225</p> <p>cathode gold alloy</p> <p>anode gold alloy</p>
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Optical and Electrical Characteristics

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

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F = 20\text{mA}$	V_F		1.80	2.3	V
Forward voltage	$I_F = 350\text{mA}$	V_F		2.2	3.0	V
Reverse voltage	$I_R = 5\mu\text{A}$	V_R	10			V
Luminous intensity ¹	$I_F = 20\text{mA}$	I_V	370	500		mcd
Luminous intensity ¹	$I_F = 350\text{mA}$	I_V	9000	11000		mcd
Peak wavelength	$I_F = 350\text{mA}$	λ_p		635		nm
Dominat wavelength	$I_F = 350\text{mA}$	λ_p	619	624	629	nm
Spectral bandwidth at 50%	$I_F = 350\text{mA}$	$\Delta\lambda_{0.5}$		20		nm

¹Measured on EPIGAP gold plate

Labeling

Type	Lot N°	Φ_e (typ) [mW]	V_F (typ) [V]	Qty.
EOLC-630-21				

Packing

Chips on adhesive film with wire bond side up