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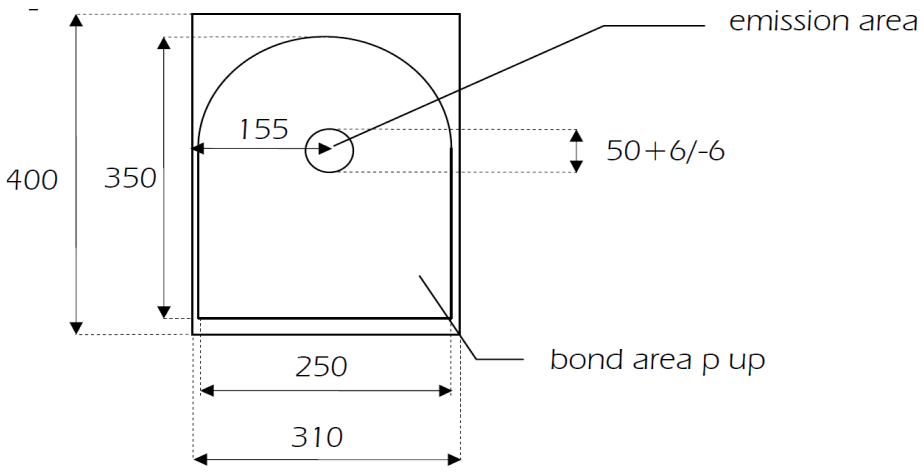
LED Chip Red Point Source EOLC-650-19-20

Rev. 03, 2017

Radiation	Type	Electrodes
red	AlInGaP/GaAs	P (anode) up



Dimensions in µm
Chip size: typ. 310 x 400 µm ±20 µm
Thickness: typ. 260±30 µm

anode and cathode - Au alloy

RoHS COMPLIANT

Pb Pb-Free

Absolute Maximum Ratings

T_{amb}= 25°C, unless otherwise specified

Parameter	Symbol	Rating	Unit
Forward current	I_F	20	mA
Reverse voltage	V_R	5	V

Optical and Electrical Characteristics*

T_{amb}= 25°C, unless otherwise specified

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	I_F=5 mA	V_F		2.0	2.3	V
Reverse current	V_R=5 V	I_R			100	µA
Luminous intensity*	I_F=5 mA	I_V		3.5		mcd
Luminous intensity*	I_F=10 mA	I_V	6.5	7.5		mcd
Radiant power*	I_F=20 mA	I_V	0.35	0.5		mW
Peak wavelength	I_F=5 mA	λ_P	640	650	660	nm
FWHM	I_F=5 mA	$\Delta\lambda_{0.5}$		20		nm

* Measured on epoxy covered chip on TO-18 header

Art. No. 114 017

Packing
Dice on adhesive film with wire bond side on top