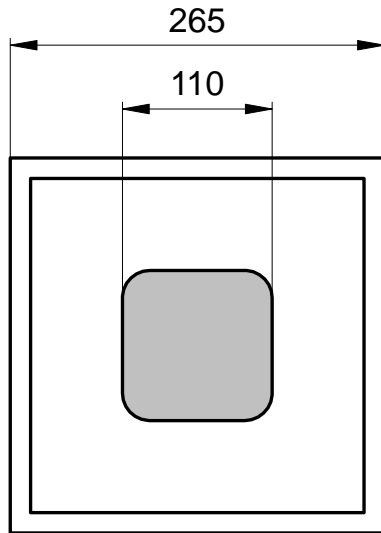


preliminary

Color	Type	Technology	Electrodes
Red	Mesa	AllnGaP/GaAs	N (anode) up

Outline (typical dimensions in microns)



thickness 260 μm
 cathode gold alloy, 1.5 μm
 anode gold alloy, 0.5 μm,

LED-12

Optical and Electrical Characteristics

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

Parameter	Test conditions	Symbol	Min	Typ	Max	Unit
Forward voltage	I _F = 20 mA	V _F		2.1	2.4	V
Reverse voltage	I _R = 10 μA	V _R	5			V
Radiant power	I _F = 20 mA	Φ _e		1.1		mW
Luminous intensity	I _F = 20 mA	I _v		30		mcd
Radiant power*	I _F = 20 mA	Φ _e		2		mW
Luminous intensity*	I _F = 20 mA	I _v		60		mcd
Peak wavelength	I _F = 20 mA	λ _p		655		nm
Spectral bandwidth at 50%	I _F = 20 mA	Δλ _{0.5}		18		nm

*Measured on epoxy covered chip on TO-18 header

Labeling

Type	Lot N°	Φ _e (typ, min, max)	Quantity
ELC-650-23			

Packing

Chips on adhesive film with wire-bond side on top