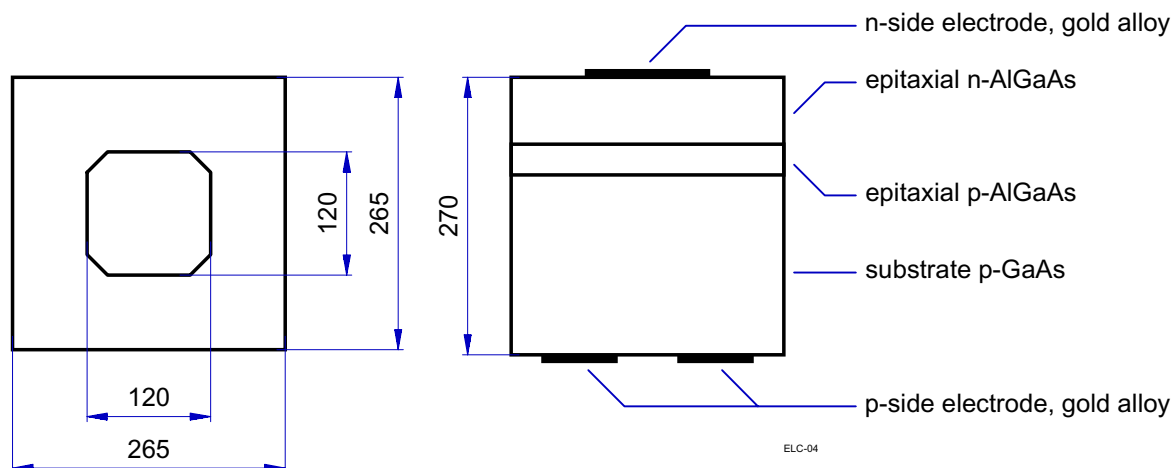


Color	Type	Technology	Electrodes
Red	ELC-650-23	AlGaAs/GaAs	N (cathode) up

Outline (dimensions in microns)**Optical and Electrical Characteristics**

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

Parameter	Test Conditions	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F = 20 \text{ mA}$	V_F		1.85	2.1	V
Reverse voltage	$I_R = 100 \mu\text{A}$	V_R	5			V
Luminous intensity	$I_F = 20 \text{ mA}$	I_V	9	14		mcd
Peak wavelength	$I_F = 20 \text{ mA}$	λ_p		650	660	nm
Dominant wavelength	$I_F = 20 \text{ mA}$	λ_D		648		nm
Spectral bandwidth at 50%	$I_F = 20 \text{ mA}$	$\Delta\lambda_{0.5}$		20		nm

Labeling

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

Packing

Chips on adhesive film with wire-bond side on top