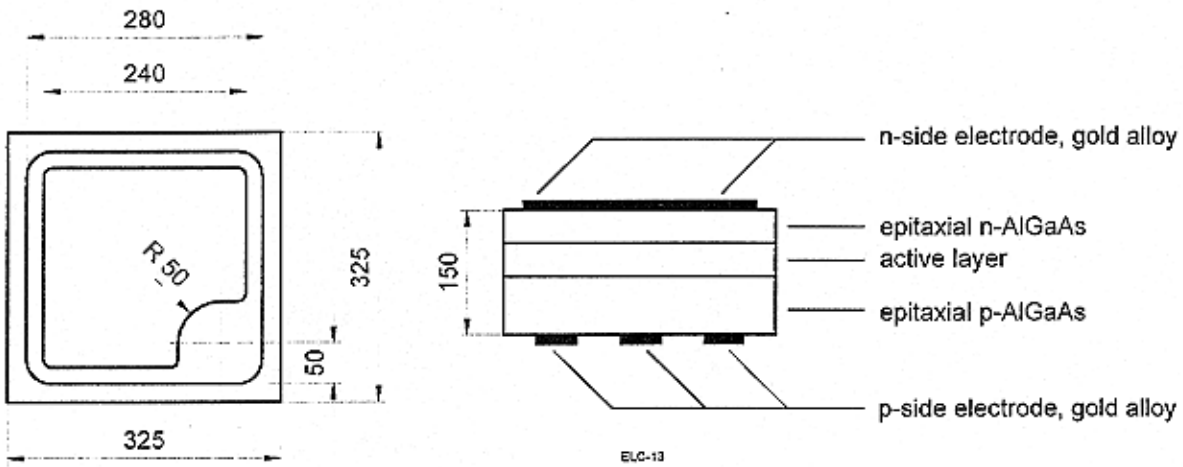
LED - CHIP ELC-660-25

Radiation	Type	Technology	Electrodes
Red	ELC-660-25	AlGaAs/AlGaAs DHS	N (cathode) up

Outline (dimensions in microns)



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		1.8	2.0	V
Reverse voltage	I_R = 100 µA	V_R	5			V
Radiant power*	I_F = 20 mA	Φ_e		1.7		mW
Luminous intensity*	I_F = 20 mA	I_V	25	42	48	mcd
Luminous flux*	I_F = 20 mA	Φ_V	20	27	34	mlm
Peak wavelength	I_F = 20 mA	λ_p		656		nm
Spectral bandwidth at 50%	I_F = 20 mA	$\Delta\lambda_{0.5}$		30		nm
Switching time	I_F = 20 mA	t_r, t_f		55		ns

*Measured on TO-18 header with epoxy resin

Labeling

Type	Lot N°	Φ_e (typ, min, max)	Quantity
ELC-660-25			

Packing

Chips on adhesive film with wire-bond side on top