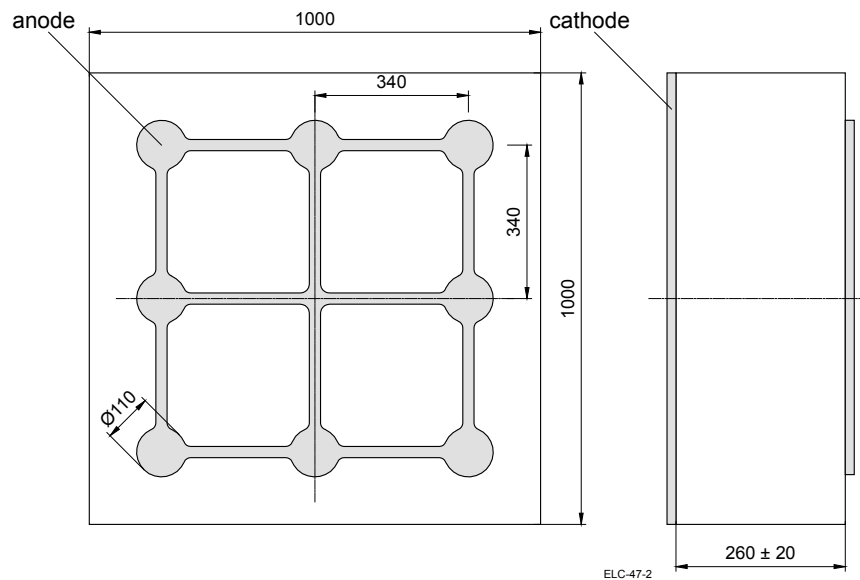


Color	Type	Technology	Electrodes
Red	Power Chip, solder able	AllnGaP/GaAs	P (anode) up

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	$I_F = 300 \text{ mA}$	V_F		2.4	2.9	V
Reverse voltage	$I_R = 10 \mu\text{A}$	V_R	5			V
Radiant power*	$I_F = 300 \text{ mA}$	Φ_e		27		mW
Peak wavelength	$I_F = 300 \text{ mA}$	λ_p	660	670	690	nm
Spectral bandwidth at 50%	$I_F = 300 \text{ mA}$	$\Delta\lambda_{0.5}$		19		nm
Switching time	$I_F = 300 \text{ mA}$	t_r, t_f		100		ns

*Packaged in TO-18 housing with epoxy resin cap, in cylindrical copper heatsink

Labeling

Type	Lot N°	Φ_e (min, typ), V_F (typ, max)	Quantity
ELC-670-19			

Packing

Chips on adhesive film with wire-bond side on top