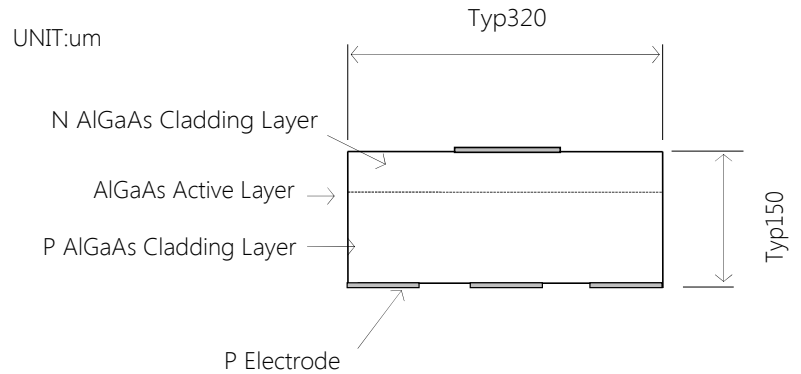
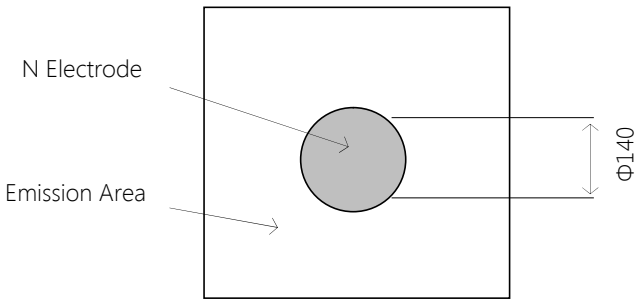


Radiation	Type	Electrodes
Visible Red Emitter	AlGaAs	N (cathode) up



Material: AlGaAs Bond Pad Size: 140um diameter
 Junction Size: 320um x 320um Anode Metalization: Gold Alloy
 Thickness: 150um Cathode Metalization: Gold Alloy



ITEMS	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNIT
Forward Voltage	V _f	I _f =20mA	--	--	2.2	V
Reverse Voltage	V _r	I _r =10uA	5	--	--	V
Radiant Power*	Φ _e	I _f =20mA	1.5	--	--	mW
Peak Wavelength	λ _p	I _f =20mA	--	700	--	nm
Spectral Bandwidth at 50%	Δλ _{0.5}	I _f =20mA	--	30	--	nm

* LED chip is mounted on TO-18 gold header without resin coating

Absolute Maximum Ratings

Continuous Maximum Forward Current: 50mA (DC)
 Reverse Voltage: 5V (I_r=10uA)
 Storage Temperature
 while on mylar membrane: 0 to 40 °C
 after removal from mylar membrane: -30 to 100 °C



We reserve the right to make changes to improve technical design and may do so without further notice. Parameters can vary in different applications. All operating parameters must be validated for each customer application by the customer.

2014-04-24