

Specifications:

Wavelength: 685nm

Light Output: 35mW CW mW

Package Type: TO-18( $\Phi$ 5.6mm) TO56

Absolute Maximum Ratings( $T_c=25^\circ\text{C}$ )

Reverse Voltage 2V

Operating Temperature –  $10 \sim 50^\circ\text{C}$

Storage Temperature –  $20 \sim 85^\circ\text{C}$

Electrical and Optical Characteristics( $T_c=25^\circ\text{C}$ )

Operating Current  $I_{op}$  60mA

Operating Voltage  $V_{op}$  2.2V

Slope Efficiency  $\eta$  0.6mW/mA

Monitor Current  $I_m$  0.5mA

Beam Divergence  $\theta_{//}$  8deg.

(FWHM)  $\theta_{\perp}$  32deg.

Central wavelength  $\lambda$  685nm ( $\pm 10$  nm)

and  $\theta_{\perp}$  are defined as the angle within which the intensity is 50% of the peak value.