

850nm Laser Diode

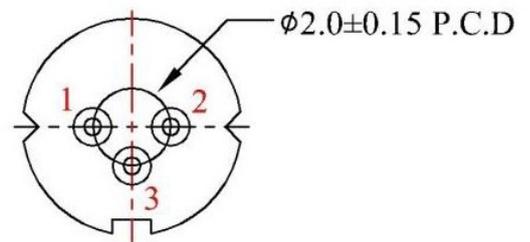
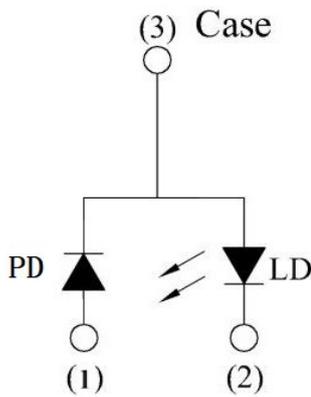
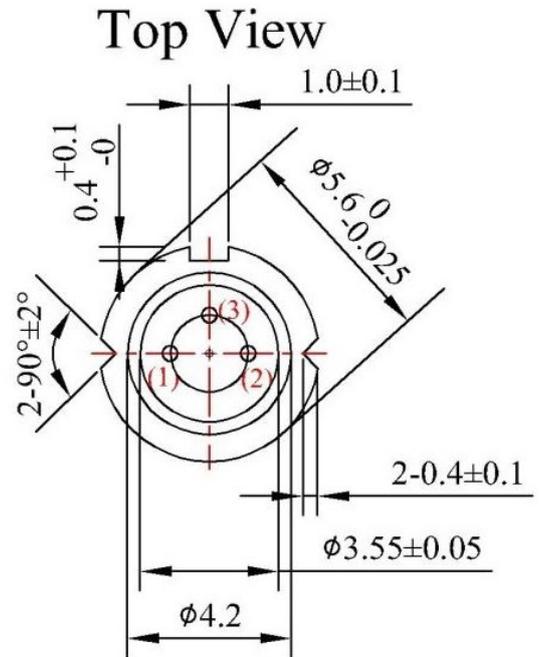
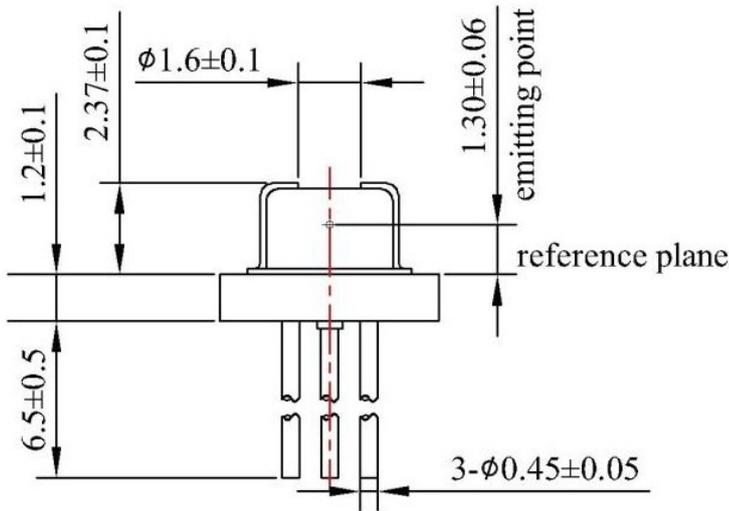
RLD85000200

■ Specifications

(1) Device: Laser Diode

(2) Structure: TO-18(ψ5.6mm)

■ External dimensions(Unit : mm)

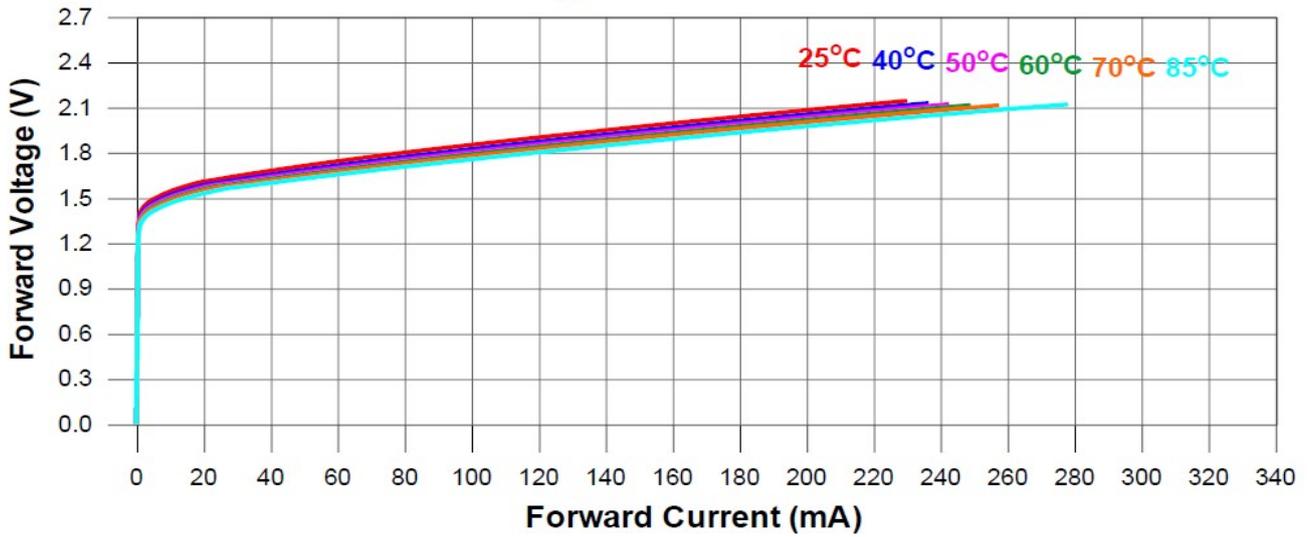


Bottom View

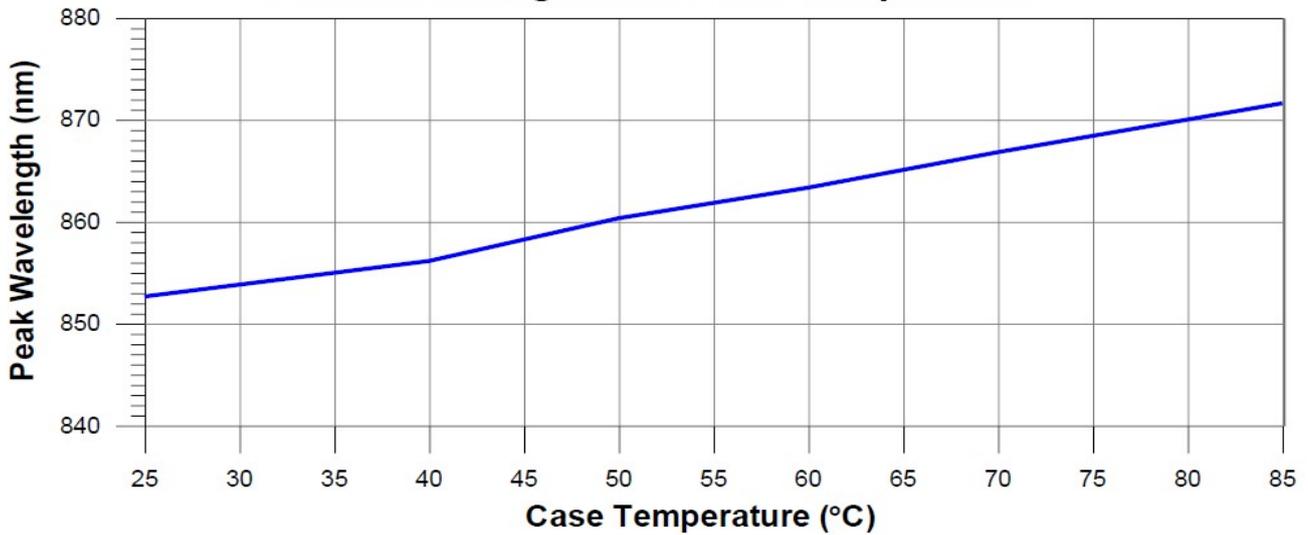
■ Absolute Maximum Ratings(Tc=25°C)

Parameter	Symbol	Rating	Unit
Optical Output	Po	200	mW
Reverse Voltage	Vr	2	V
Operating Temperature (Case)	Top	-10 ~ +60	°C
Storage Temperature	Tstg	-40 ~ +85	°C

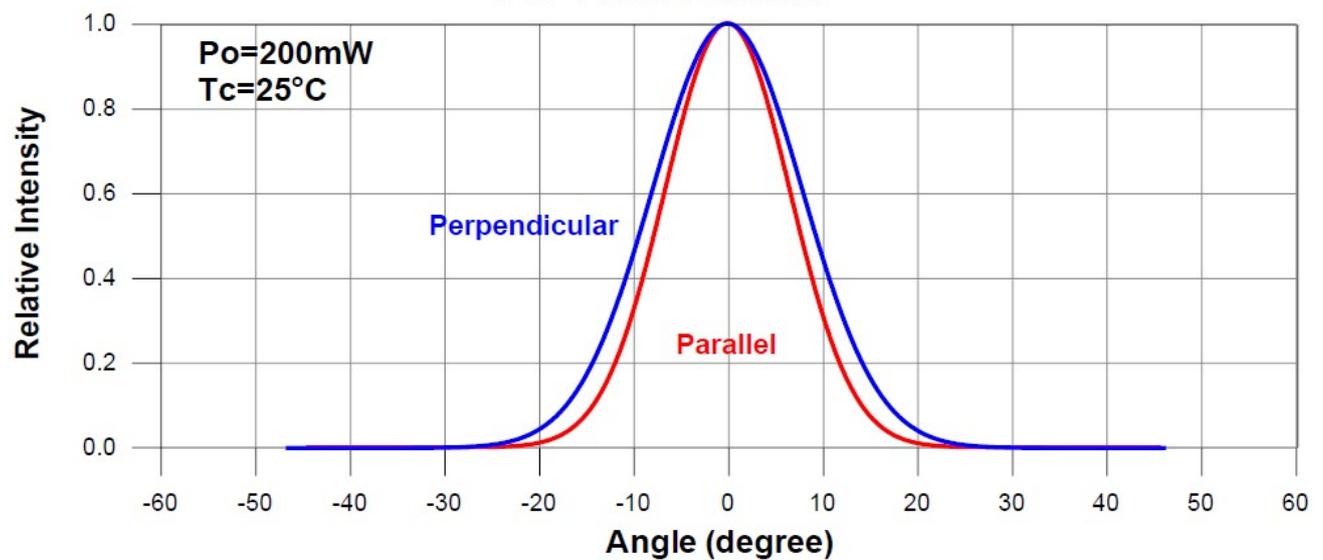
Forward Voltage v.s. Forward Current



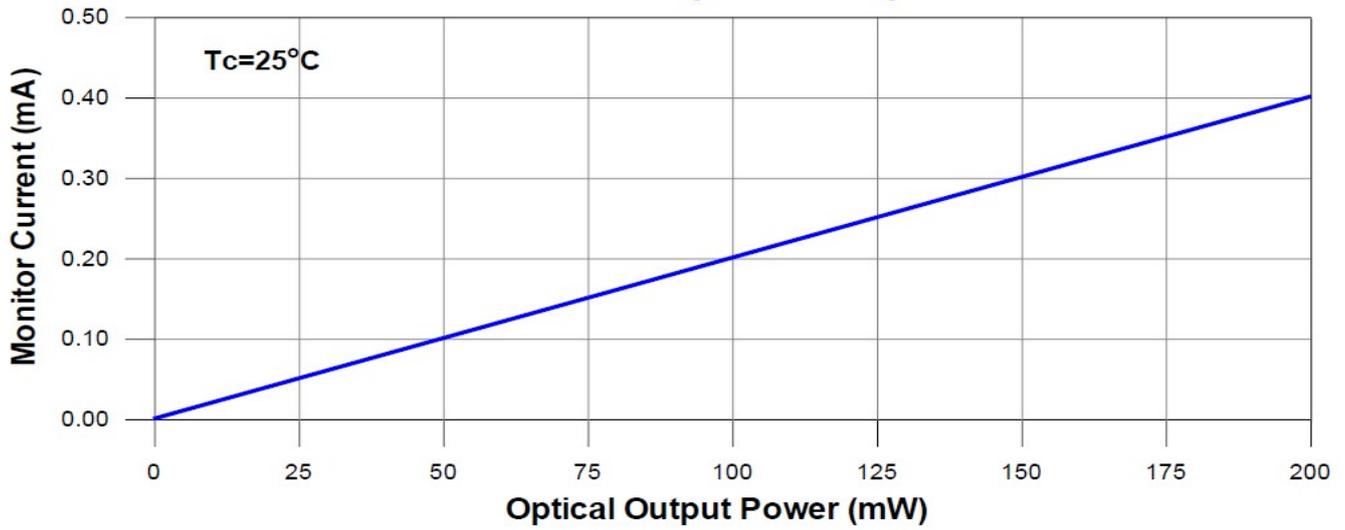
Peak Wavelength v.s. Case Temperature



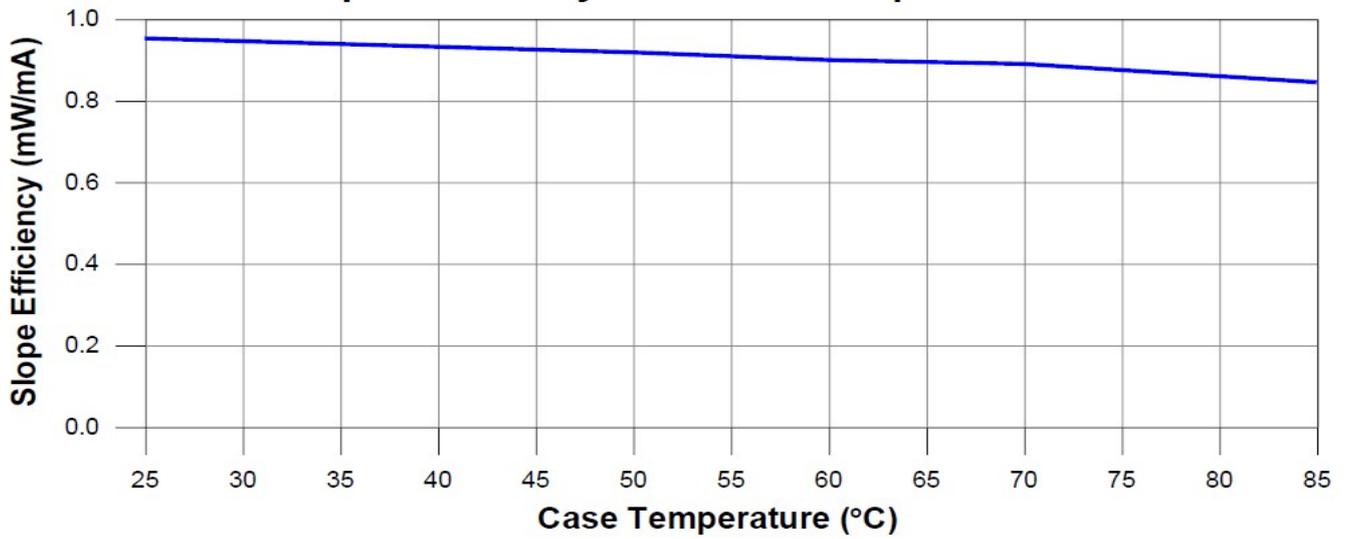
Far-Field Pattern



Monitor Current v.s. Optical Output Power



Slope Efficiency v.s. Case Temperature



Threshold Current v.s. Case Temperature

