

## D6-4-980-200

### Key features

Invisible Light  $\lambda = 980\text{nm}$   
Output Power = 200mW  
Package Type = 5.6mm $\Phi$

### Applications

General Purpose Infrared Laser Light Source

### Electrical and Optical Characteristics at $T_c=25^\circ\text{C}$

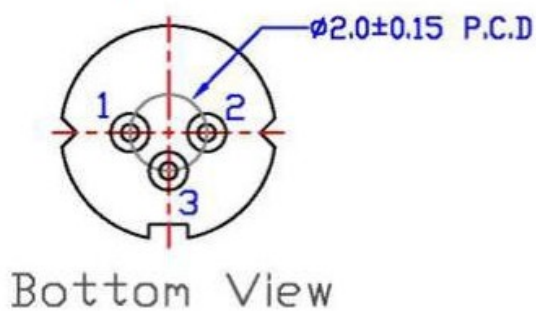
Item	Symbols	Min.	Typ.	Max.	Unit	Condition
Optical Output Power	Po	-	200	-	mW	-
Threshold Current	Ith	-	60	80	mA	Po=200mW
Operating Current	Iop	-	355	400	mA	Po=200mW
Differential Efficiency	SE	0.5	0.7	-	mW/mA	Po=200mW
Operating Voltage	Vop	1	1.5	2.1	V	Po=200mW
Peak Wavelength	$\lambda_p$	970	980	990	nm	Po=200mW
Beam Divergence	$\theta_{//}$	-	6	-	deg	Po=200mW
	$\theta_{\perp}$	27	30	37	deg	Po=200mW

# EGISMOS IR Laser Diode

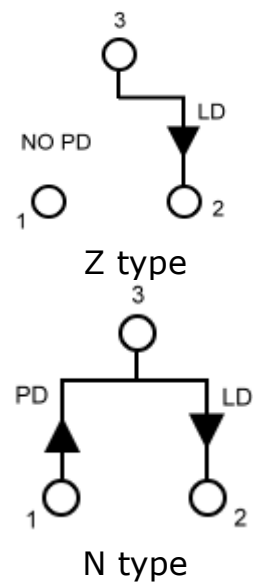
## Absolute Maximum Rating at Tc=25°C

Items	Symbols	Values	Unit
Optical Output Power	Po(CW)	200	mW
Laser Diode Reverse Voltage	V	2	V
Photo Diode Reverse Voltage	V	30	V
Operating Temperature	To	-10~+40	°C
Storage Temperature	Ts	-40~+85	°C

### Electrical Connection



### Package Type



## Package Drawing

