

## ABSOLUTE MAXIMUM RATINGS (Note 1)

Symbol	Parameter	Conditions	Ratings	Unit
Po	Light output power	CW	150	mW
		Pulse(Note 2)		
VRL	Reverse voltage	-	2.4	V
Tc	Case temperature	-	<b>0 ~ +60</b>	°C
Tstg	Storage temperature	-	<b>-10 ~ +60</b>	°C

## ELECTRICAL/OPTICAL CHARACTERISTICS (Tc=25°C)

Symbol	Parameter	Test conditions	Min.	Typ.	Max	Unit
Ith	Threshold current	CW	-	60	70	mA
Lop	Operating current	CW, Po=150mW	-	220	235	mA
Vop	Operating voltage	CW, Po=150mW	-	2.2	2.4	V
$\eta$	Slope efficiency	CW, Po=150mW	-	0.95	-	mW/mA
$\lambda_p$	Peak wavelength	CW, Po=150mW	-	658	660	nm
$\theta_{//}$	Beam divergence angle (parallel)	CW, Po=150mW	<b>7</b>	9.5	12	°
$\theta_{\perp}$	Beam divergence angle (perpendicular)	CW, Po=150mW	<b>14</b>	17	20	°

**Attention: the shell connect to the cathode, without PD**

