

■Features

- Multi Transverse Mode
- Can Type: $\phi 9.0$ mm Floating Mounted with Protection device

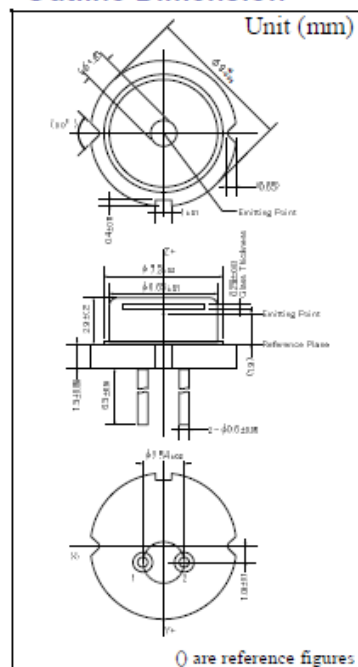
■Absolute Maximum Ratings

Item	Symbol	Absolute Maximum Ratings	Unit
Forward Current ($T_c=25^\circ\text{C}$)	I_f	(1.7)	A
Allowable Reverse Current ($T_c=25^\circ\text{C}$)	I_r (LD)	85	mA
Storage Temperature	T_{stg}	-40 ~ 85	$^\circ\text{C}$
Operating Case Temperature	T_c	0 ~ 50	$^\circ\text{C}$

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

Item	Condition	Symbol	Min	Typ.	Max	Unit	
Optical Output Power	If=1.5A	Po	-	(1.0)	-	W	
Dominant Wavelength	If=1.5A	λd	510	520	525	nm	
Threshold Current	CW	Ith	-	(0.3)	-	A	
Slope Efficiency	CW	η	-	(0.83)	-	W/A	
Operating Voltage	If=1.5A	Vop	-	(4.6)	-	V	
Beam Divergence *	Parallel	If=1.5A	θ//	5	(11)	25	°
	Perpendicular	If=1.5A	θ⊥	35	(46)	55	°
Beam Pointing Accuracy	Perpendicular	If=1.5A	Δθ⊥	-5.0	-	5.0	°

Outline Dimension



Pin Connection

