

■Features

- Multi Transverse Mode
- Can Type: ϕ 9.0 mm Floating Mounted with Protection device

■Absolute Maximum Ratings

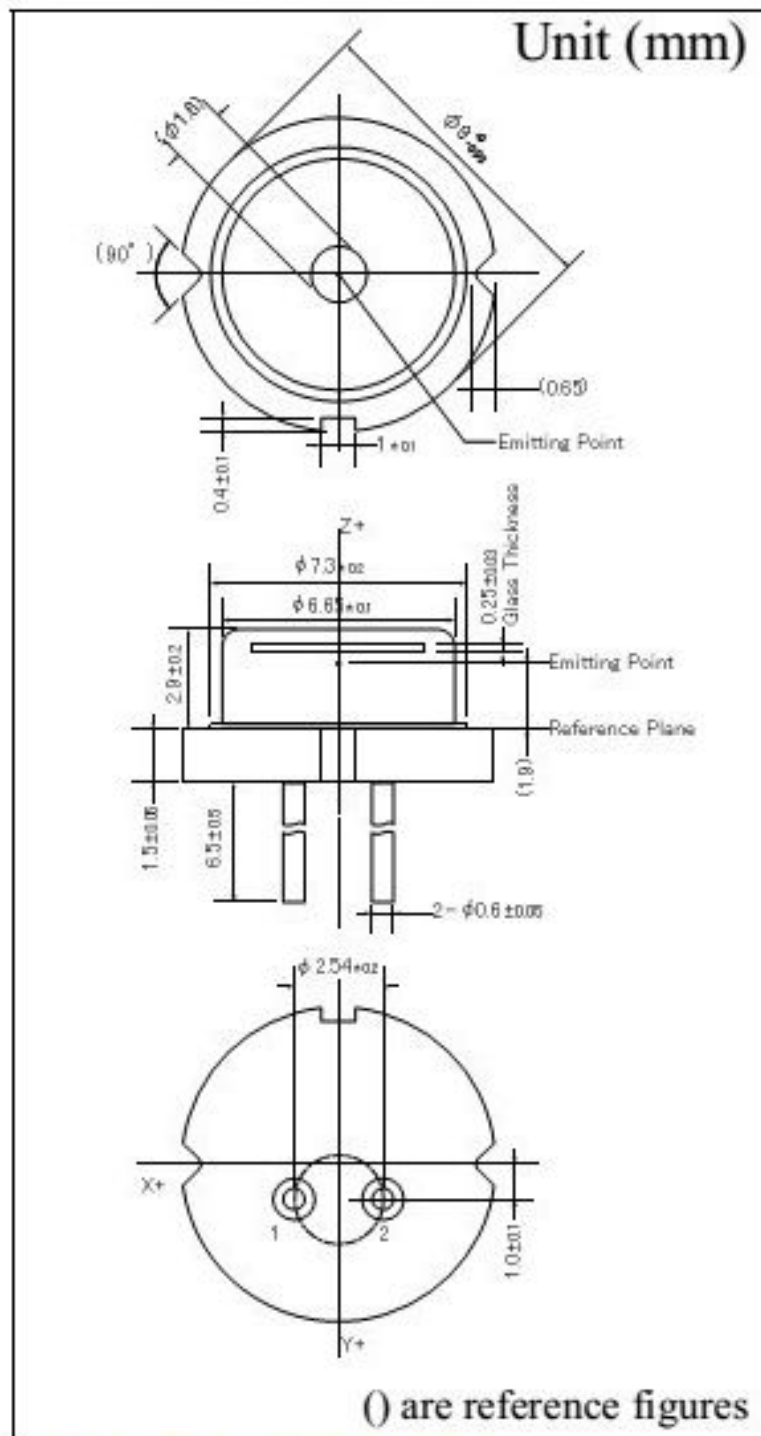
Item	Symbol	Absolute Maximum Ratings	Unit
Forward Current (Tc=25°C)	If	3.0	A
Allowable Reverse Current (Tc=25°C)	Ir (LD)	85	mA
Storage Temperature	Tstg	-40 ~ 85	°C
Operating Case Temperature	Tc	0 ~ 60	°C

■Initial Electrical/Optical Characteristics (Tc=25°C)

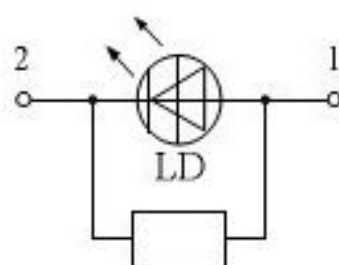
Item		Condition	Symbol	Min	Typ.	Max	Unit
Optical Output Power		If=2.3A	Po	3.0	(3.5)	-	W
Dominant Wavelength		If=2.3A	λ_d	440	-	455	nm
Threshold Current		CW	Ith	150	-	350	mA
Slope Efficiency		CW	η	1.0	-	2.2	W/A
Operating Voltage		If=2.3A	Vop	3.7	-	5.2	V
Beam Divergence*	Parallel	If=2.3A	$\theta_{//}$	5	(14)	25	°
	Perpendicular	If=2.3A	$\theta_{\perp}$	35	(45)	50	°
Beam Pointing Accuracy	Perpendicular	If=2.3A	$\Delta\theta_{\perp}$	-5.0	-	5.0	°

() are reference figures.
* Full angle at $1/e^2$ from peak intensity

Outline Dimension



Pin Connection



1. LD Anode
2. LD Cathode

Protection device

**This model does not have Photo Diode.
This model has a protection device built
in as a protection circuit against static
electricity.**