



Datasheet

NDG7K75T
Green Laser Diode

Features

- Multi Transverse Mode
- Can Type: $\phi 9\text{mm}$
- ESD Protection Device

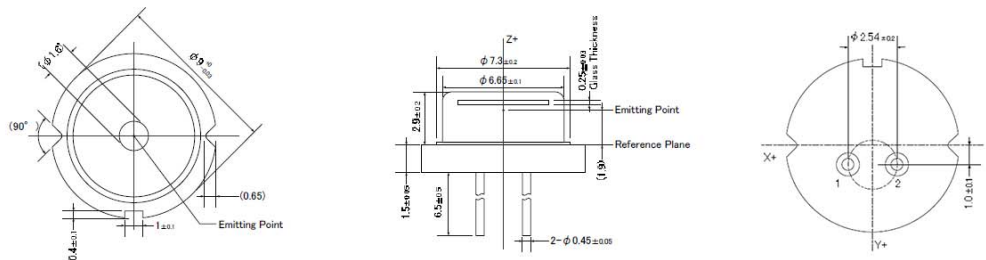
Absolute Maximum Ratings

Item	Symbol	Absolut max. Ratings	Unit
Forward Current (Tc=25°C)	If	2	A
Allowable Reverse Current (Tc=25°C)	Ir (LD)	85	mA
Storage Temperature	Tstg	-40~85	°C
Operating Case Temperature	Tc	0~50	°C

Optical Characteristics

Item	Condition	Symbol	Min	Typ	Max	Unit
Optical Output Power	If=1.6A	Po	-	1.0	-	W
Dominant Wavelength	If=1.6A	λ_d	518	525	532	nm
Threshold Current	CW	Ith	250	300	350	mA
Slope Efficiency	CW	η	-	0.6	0.8	W/A
Operating Voltage	If=1.6A	Vop	4.0	-	6.0	V
Beam Divergence (1/e2)	If=1.6A	$\theta_{//}$	5	14	20	deg.
		θ_{\perp}	30	40	50	deg.
Emission Point Accuracy	If=1.6A	$\Delta\theta_{\perp}$	-5.0	-	5.0	deg.

Dimensions



Units in mm

All technical parameters are subject to change without notice.



New Laser Generation

Fon: +49 561 70562870

Fax: +49 561 70562871

Mail: info@lasertack.com

Web: www.lasertack.com