

# TLPGA262

## Product Features -

- InGaAlP Technology
- T-1 (3 mm) Package
- High Intensity Green Light ( $\lambda_p = 562$  nm) Emission
- Water Clear Lens
- Wide Radiation Pattern

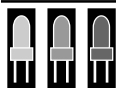
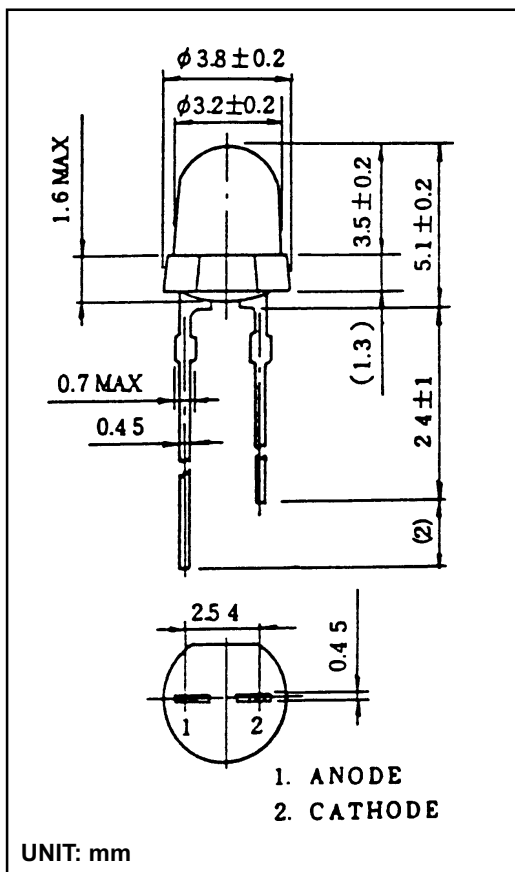
## MAXIMUM RATINGS ( $T_a = 25^\circ\text{C}$ )

CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current	$I_F$	50	mA
Reverse Voltage	$V_R$	4	V
Power Dissipation	$P_D$	125	mW
Operating Temperature	$T_{opr}$	-30 ~ 85	$^\circ\text{C}$
Storage Temperature	$T_{stg}$	-40 ~ 120	$^\circ\text{C}$

## OPTO-ELECTRICAL CHARACTERISTICS ( $T_a = 25^\circ\text{C}$ )

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F = 20\text{mA}$	—	2.35	2.8	V
Reverse Current	$I_R$	$V_R = 4\text{V}$	—	—	50	$\mu\text{A}$
Luminous Intensity	$I_v$	$I_F = 20\text{mA}$	8.5	30	—	mcd
Viewing Angle	$2\theta_{1/2}$	—	—	80	—	$^\circ$
Peak Wavelength	$\lambda_p$	$I_F = 20\text{mA}$	—	562	—	nm
Dominant Wavelength	$\lambda_d$	$I_F = 20\text{mA}$	—	558	—	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F = 20\text{mA}$	—	11	—	nm

\* Luminous Ranks: (J : 10-20mcd), (K : 18-36mcd), (L : 32-64mcd) Upper and lower limit tolerance  $\pm 15\%$



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## TLPGA262 Graphs -

