

TLGC180AP

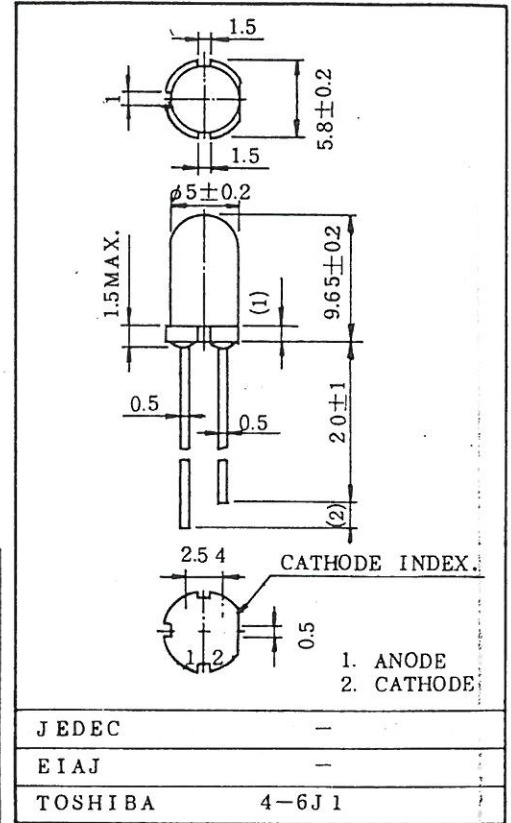
Unit in mm

PANEL CIRCUIT INDICATOR

- Striking Bright Green
- All Plastic Mold Type Colorless Clear Lens
- Low Drive Current, High Intensity Green Light Emission.
Recommended Forward Current: $I_F=15\sim 20\text{mA (DC)}$
- All Plastic Molded Lens, Provides an Excellent ON-OFF Contrast Ratio.
- Fast Response Time, Capable of Pulse Operation.

MAXIMUM RATINGS (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current (DC)	I_F	40	mA
Reverse Voltage	V_R	4	V
Power Dissipation	P_D	120	mW
Operating Temperature Range	T_{opr}	-20~75	°C
Storage Temperature Range	T_{stg}	-30~100	°C



Weight:

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=20\text{mA}$	-	2.1	2.8	V
Reverse Current	I_R	$V_R=4\text{V}$	-	-	100	μA
Luminous Intensity	TLGC180AP	$I_F=20\text{mA (NOTE)}$	85	300	-	mcd
	TLGC180AP(NP)		100	-	360	
	TLGC180AP(PQ)		180	-	640	
Peak Emission Wave Length	λ_P	$I_F=20\text{mA}$	-	567	-	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F=20\text{mA}$	-	25	-	nm

(NOTE) Rank selection carried out under next standard range respectively, although it needs $\pm 15\%$ additional for guaranteed limits.

N: 100-200mcd, P: 180-360mcd, Q: 320-640mcd.

Each rank products is classified by package unit, and (NP) includes N and P, (PQ) includes P and Q.

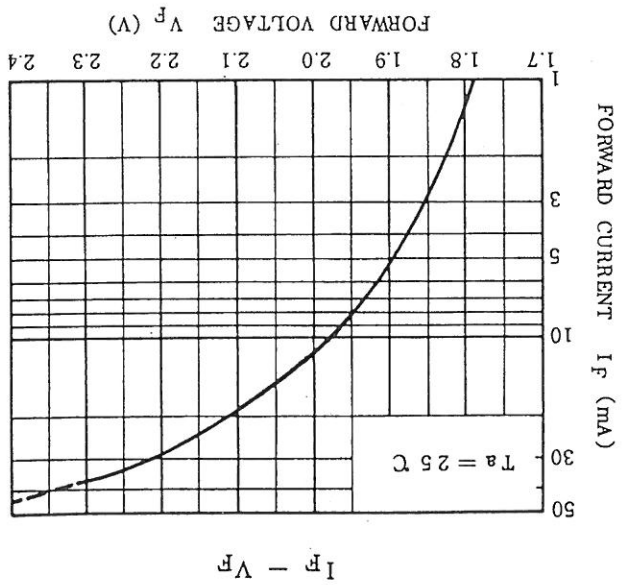
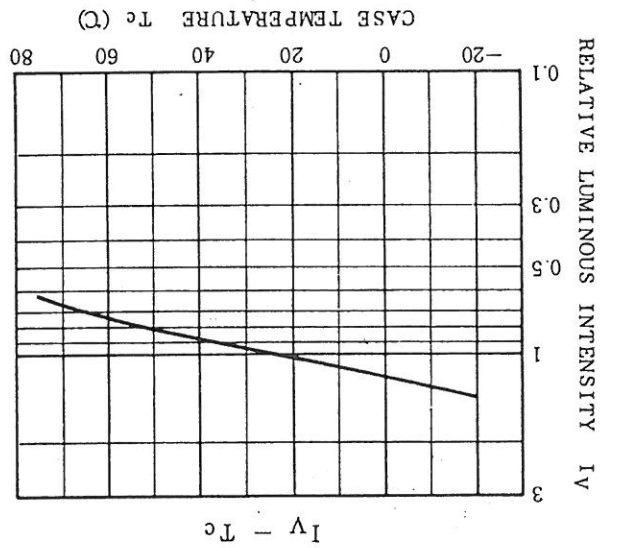
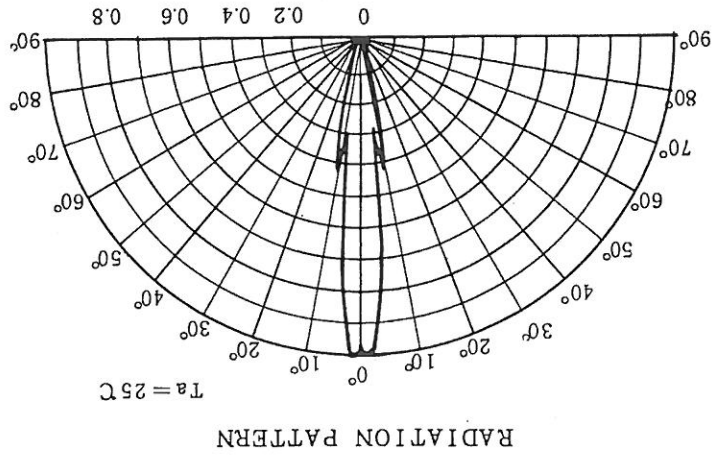
PRECAUTION

Please be careful of the followings.

1. Soldering temperature: 260°C MAX. Soldering time: 3 sec MAX.
(Soldering portion of lead: up to 2mm from the body of the device)
2. The lead should be formed up to 5mm from the body of the device without forming stress. Soldering shall be performed after lead forming.
3. Avoid using the Solvents except for the follows, when washing off flux and wiping off stain on the device.

Washing time: 30 sec MAX. Solvents temperature: 45°C MAX.

- Freon TE or TF • Dai-Fron Solvent S3 or S3-E • Chlorothene-NU



ALLOWABLE FORWARD CURRENT I_f (mA)

RELATIVE LUMINOUS INTENSITY

LUMINOUS INTENSITY I_v (mcd)

