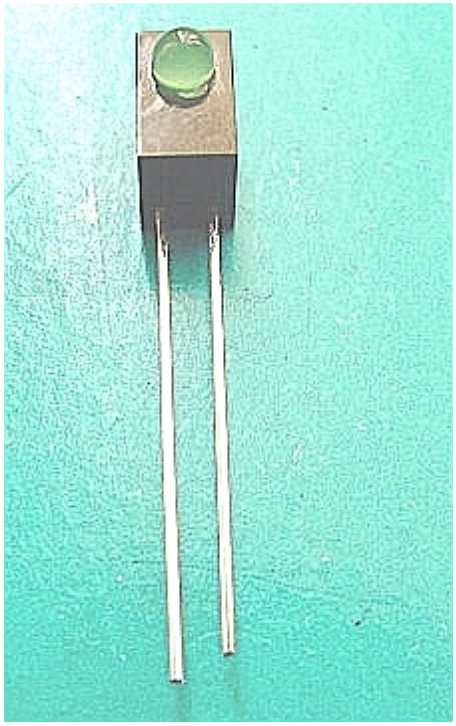
EVERLIGHT ELECTRONICS CO.,LTD.

LED INJECTION TYPE LAMP

3mm Circuit Board Indicator,T-1

A2774B/G/F

Features



- Low power consumption
- High efficiency and low cost
- Good control and free combinations on the colors of LED lamps
- Stackable and easy to assembly and fixed position
- Stackable vertically and easy to assembly
- Versatile mounting on PCB or panel
- Stackable horizontally and easy to assembly

Descriptions

- Used as indicators of indicating the degrees, functions, positions etc, in electronic instruments.
- Used the direct injection holder that easy to fixed position of mounting on PCB or panel.

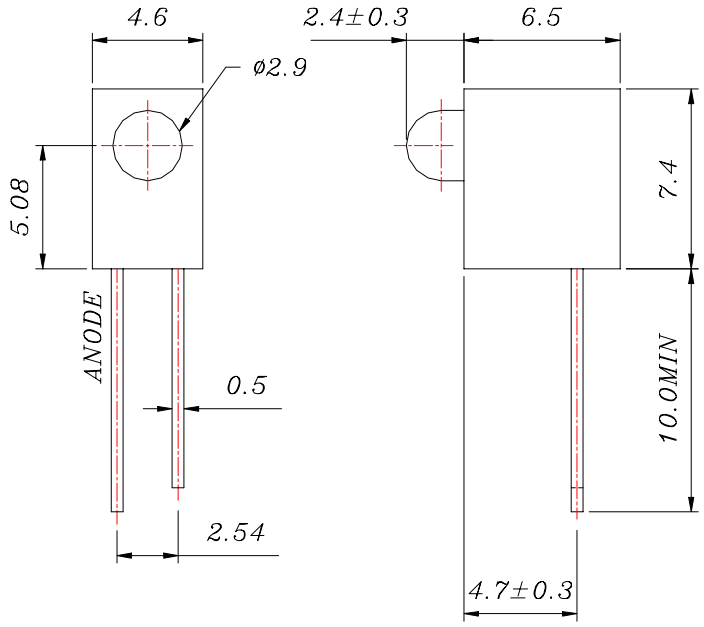
Applications

- ARRAY=Plastic Holder Combination of Lamps
- The array will easily mount the applicable lamps on any panel

Device Selection Guide

LED PART NO.	Chip		Lens Color
	Material	Emitted Color	Green Diffused
264GD/F45-85	GaP	Green	

Package Dimensions



Notes:

- All dimensions are in millimeters, tolerance is 0.25mm except being specified.
- Lead spacing is measured where the lead emerges from the package.

Absolute Maximum Ratings (Ta=25℃)

Parameter	Symbol	Rating	Units
Forward Current	I_F	30	mA
Pulse Forward Current(Duty 1/10 @ 1kHz)	I_{FP}	100	mA
Operating Temperature	T_{opr}	-40 ~ +85	℃
Storage Temperature	T_{stg}	-40 ~ +100	℃
Soldering Temperature*2	T_{sol}	260 ± 5	℃
Power Dissipation	P_d	160	mW
Reverse Voltage	V_R	5	V

Notes: *1:I_{FP} Conditions--Pulse Width≦10msec and Duty≦1/10.

*2:Soldering time≦5 seconds.

Electro-Optical Characteristics (Ta=25℃)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Units
Forward Voltage	V_F	I_F=20mA	1.7	2.1	2.4	V
Reverse Current	I_R	V_R=5V	--	--	10	μA
Luminous Intensity	I_V	I_F=10mA	2.5	10.0	--	mcd
Viewing Angle	2θ 1/2	I_F=20mA	--	60	--	deg
Peak Wavelength	λ p	I_F=20mA	--	565	--	nm
Dominant Wavelength	λ d	I_F=20mA	--	570	--	nm
Spectrum Radiation Bandwidth	$\Delta\lambda$	I_F=20mA	--	30	--	nm

Typical Electro-Optical Characteristics Curves