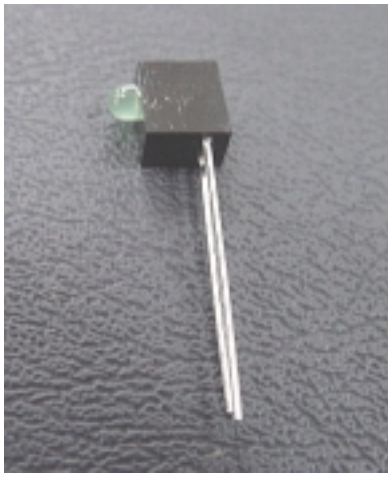
EVERLIGHT ELECTRONICS CO.,LTD.

LED INJECTION TYPE LAMP

3mm Circuit Board lndicator,T-1

A2774B/G-R/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.

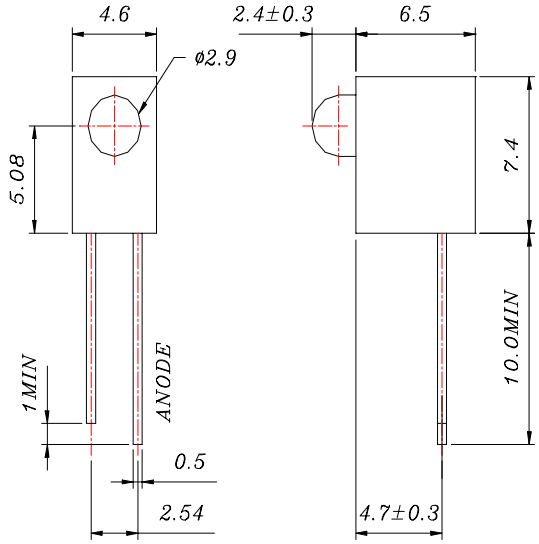
Applications

- 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	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