



EVERLIGHT ELECTRONICS CO.,LTD.

LED INJECTION TYPE LAMP

3mm 4Pcs Circuit Board Indicator,T-1

A2714B/4G

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

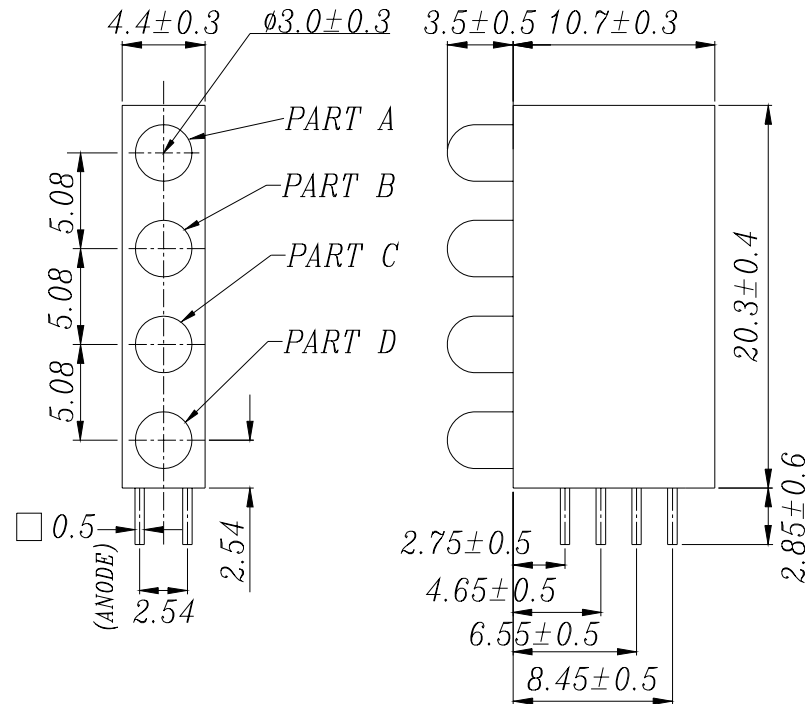
- ARRAY=Plastic Holder Combination of Lamps
- The array will easily mount the applicable lamps on any panel

Device Selection Guide

LED PART NO.		Chip		Lens Color
		Material	Emitted Color	Green Diffused
A PART	264GD/F45-77	GaP	Green	
B PART	264GD/F45-78			
C PART	264GD/F45-79			
D PART	264GD/F45-80			

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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=5)

Parameter	Symbol	Rating	Units
Forward Current	I _F	30	mA
Pulse Forward Current ^{*1}	I _{FP}	160	mA
Operating Temperature	T _{opr}	-40 ~ +85	
Storage Temperature	T _{stg}	-40 ~ +100	
Soldering Temperature ^{*2}	T _{sol}	260 ±5	
Power Dissipation	P _d	100	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 °C)**

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

Typical Electro-Optical Characteristics Curves

