

Technical Data Sheet

ARRAY

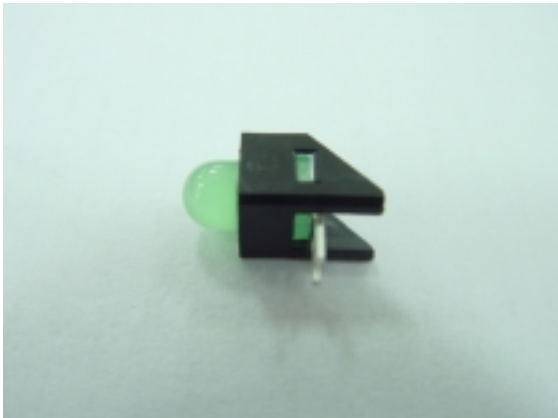
A253B/VG/H0/D75

Features

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

Descriptions

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



Applications

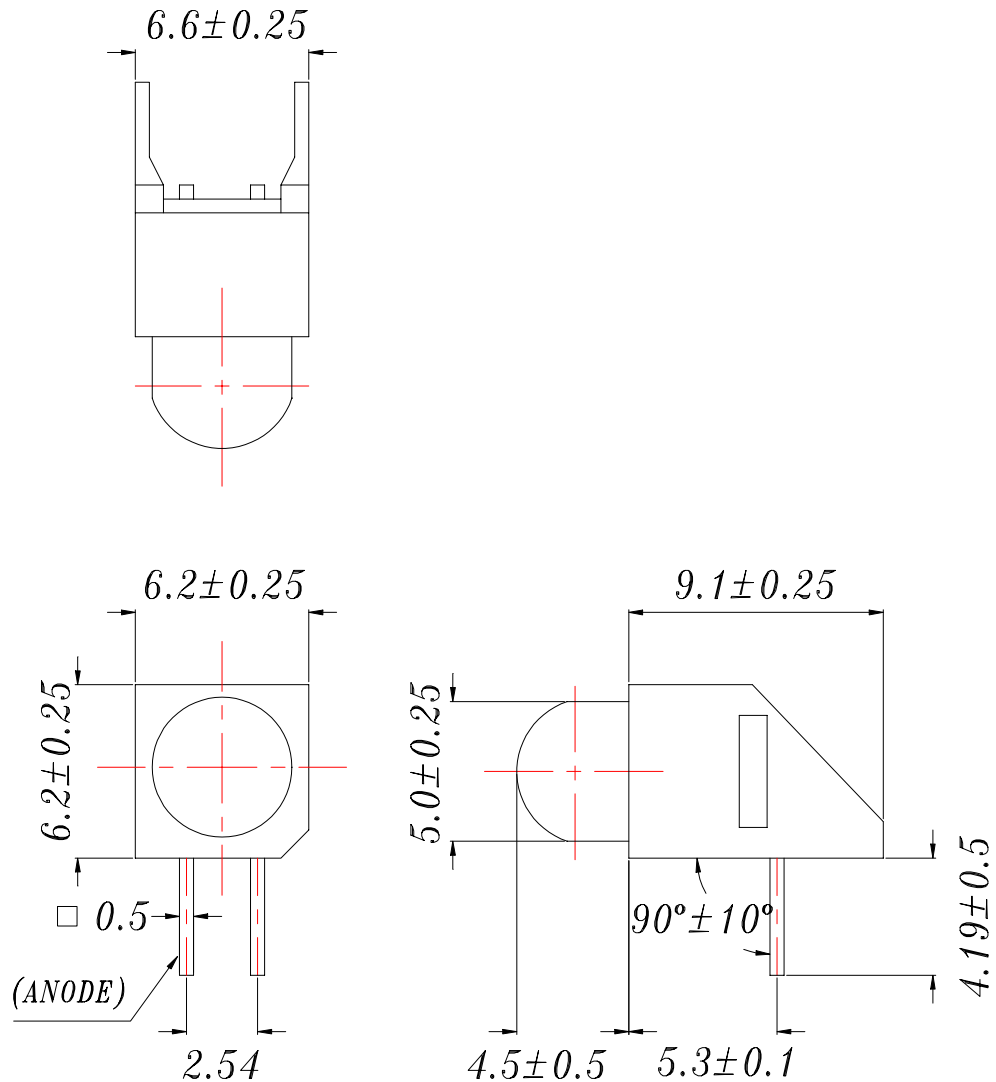
- Used as indicators of indicating the degrees,functions, positions etc,in electronic instruments

Device Selection Guide

LED Part No.	Chip		Lens Color
	Material	Emitted Color	
333-2VGD/H0/D75	GaP	Green	Green Diffused

B91010482,R19104015

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°C)

Parameter	Symbol	Rating	Units
Forward Current	I _F	30	mA
Pulse Forward Current(Duty 1/10 @ 1KHz)	I _{FP}	160	mA
Operating Temperature	T _{opr}	-40 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Soldering Temperature ^{*2}	T _{sol}	260± 5	°C
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 =20mA	1.7	2.1	2.4	V
Reverse Current	I _R	V _R =5V	--	--	10	μ A
Luminous Intensity	I _V	I _F =10mA	10	16	--	mcd
Viewing Angle	2 θ 1/2	I _F =20mA	--	70	--	deg
Peak Wavelength	λ _p	I _F =20mA	--	570	--	nm
Dominant Wavelength	λ _d	I _F =20mA	--	571	--	nm
Spectrum Radiation Bandwidth	△ λ	I _F =20mA	--	30	--	nm



Typical Electro-Optical Characteristics Curves

