



**LED**

## Dual Color H52 Oval LED

### FEATURES:

- Viewing angle 50° / 25°
- For LED Screen
- UV resistant epoxy

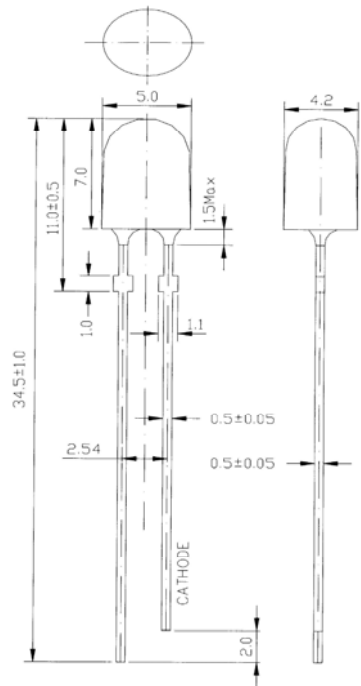


### Absolute Max Ratings (Ta=25°C):

Parameter	Symbol	Value
Power Dissipation (mW)	PD	125
DC Forward Current (mA)	IF	50
Pulsed Forward Current* (mA)	IFP	150
Reverse Voltage (V)	VR	5
Operating Temperature (°C)	T <sub>opr</sub>	-30 ~ +80
Storage Temperature (°C)	T <sub>stg</sub>	-40 ~ +100

\* Duty 1/10 Pulse Width 0.1ms

Dimensions (Unit: mm)



General Tolerance +0.2, unless specified

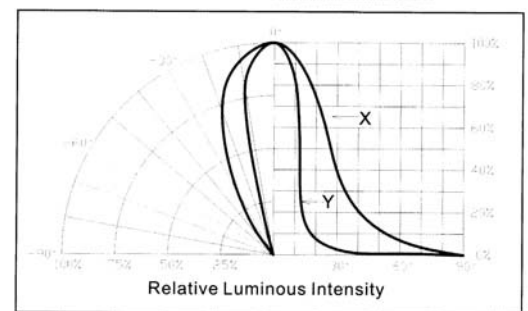
### Electrical Optical Characteristics (Ta=25°C):

Part Number	Luminous Intensity (mcd)			Forward Voltage (V)			Dominant Wavelength (nm)			Reverse Current (μA)	
	Min	Max	IF(mA)	Type	Max	IF(mA)	Min	Max	IF(mA)	Max	VR(V)
H52URDG-S11	835	1500	20	2.0	2.2	20	620	625	20	5	5
							625	630			
H52UGDG-S21	200	350	20	2.0	2.2	20	570	573	20	5	5
							573	576			

### Luminous Intensity Rank (mcd)

Red		Yellow-Green	
Rank	Data	Rank	Data
H1	835-1120	C1	200-260
J	970-1300	D	230-300
J1	1120-1500	D1	260-350

### Directive Characteristics



### Package:

Bulk: 500 pcs/bag

Taping: 2,000 pcs/reel

### Precaution in handling:

It is advised to keep 4.0mm minimum clearance between the resin and the soldering point when soldering.