



**LED**

**φ5mm Round Diffuse LED**



**FEATURES:**

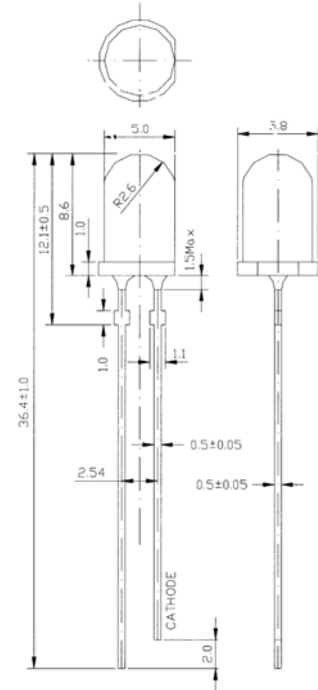
- Viewing angle 60°
- For LED light, Indication, illumination
- UV resistant epoxy

**Absolute Max Ratings (Ta=25°C):**

Parameter	Symbol	Value	
		Green / Blue	Red
Power Dissipation (mW)	PD	100	125
DC Forward Current (mA)	IF	30	50
Pulsed Forward Current* (mA)	IFP	100	150
Reverse Voltage (V)	VR	5	5
Operating Temperature (°C)	Topr	-30 ~ +80	
Storage Temperature (°C)	Tstg	-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)
R05URWH-01	400	880	20	2.0	2.2	20	620	625	20	5	5
							625	630			
R05UYWK-01	400	880	20	2.0	2.2	20	587	590	20	5	5
							590	593			
							593	596			
R05UOWH-01	400	880	20	2.0	2.2	20	600	605	20	5	5
							605	610			
R053BWL-01	180	400	20	3.2	3.6	20	465	470	20	10	5
							470	475			
R05FWK-01	520	1150	20	3.2	3.6	20	520	525	20	10	5
							525	530			
R05WDL-01	680	1150	20	3.2	3.6	20	Typical .x=0.3		20	10	5
							Typical .y=0.3				

**Luminous Intensity Rank:**

Pls refer to standard Bin Grade in page LE-\*\*

**Package:**

Bulk: 500 pcs/bag

Taping: 2,000 pcs/reel

**Precaution in handling:**

1. It is advised to keep 3.5mm minimum clearance between the resin and the soldering point when soldering.
2. The user is required to handle with care for the Blue, Green and White LED's which are sensitive to ESD.

**Directive Characteristics**

