

### Electro-Optical Characteristics :

( $I_F@20mA, T_a25^{\circ}C$ )

Items	Symbols	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	VF	IF=20mA		3.5	4.2	V
Luminous Intensity	Iv	IF=20mA	P:40		P:80	mcd
			Q:63		Q:125	
Chromaticity	x/y	IF=20mA	C:0.25		C:0.29	
			D:0.29		D:0.33	
Spectral Line Half Width	$\Delta \lambda$	IF=20mA				nm

### Technical Data :

Source Color : White  
Epoxy Resin : Yellow Diffused  
Lena Type : Flat

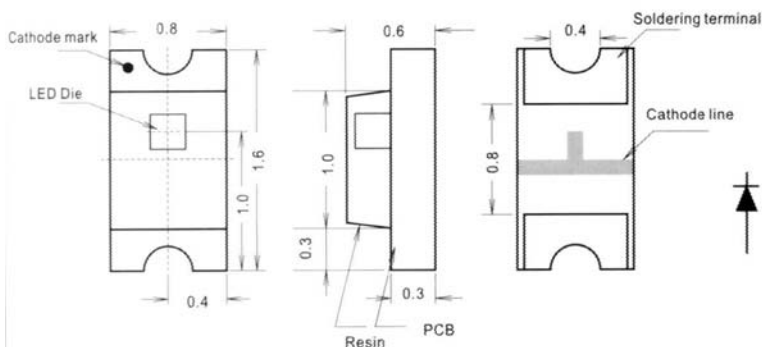
### Absolute Maximum Ratings :

Items	Symbols	Maximum Ratings	Units
Power Dissipation	Pd	84	mW
Forward Current	IF	20	mA
Peak Forward Current	I <sub>fp</sub>	100*1	mA
Reverse Voltage	VR	5	V
Operating temperature	Topr	-30 to +85	°C
Storage Temperature	Tstg	-40 to +85	°C

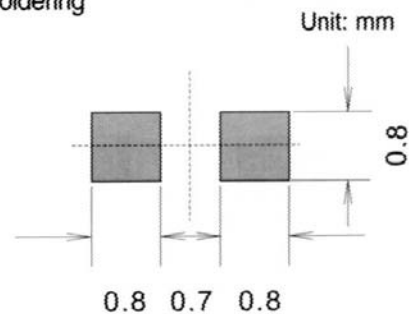
\*\*Condition for I<sub>FP</sub> is pulse of 1/10 duty and 0.1msec width

### Package Outline Dimensions :

Unit: mm Tolerance: +/-0.1



- Recommended Soldering Pattern for Reflow Soldering



1. Soldering terminal (size: 0.4x 1.1 mm) may shift in x, y direction.



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