

Electro-Optical Characteristics :

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

Items	Symbols	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	VF	IF=20mA		3.5	4.0	V
Luminous Intensity	Iv	IF=20mA		35		mcd
Wavelength	λ_p / λ_d	IF=20mA		468/470		nm
Spectral Line Half Width	$\Delta \lambda$	IF=20mA		45		nm

Technical Data :

Source Color : Blue
Epoxy Resin : Water Clear
Lena Type : Flat

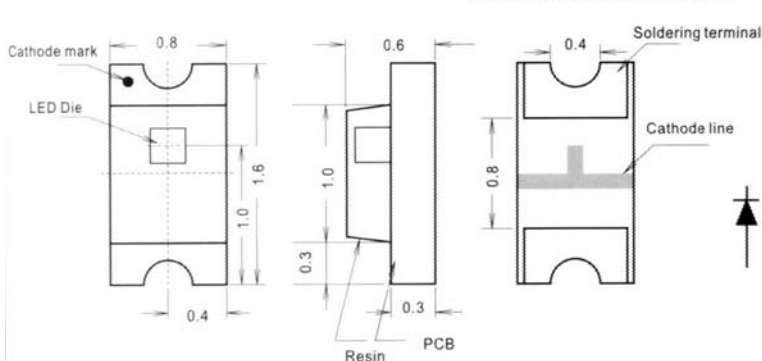
Absolute Maximum Ratings :

Items	Symbols	Maximum Ratings	Units
Power Dissipation	Pd	80	mW
Forward Current	IF	20	mA
Peak Forward Current	I _{fp}	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_{FP} is pulse of 1/10 duty and 0.1msec width

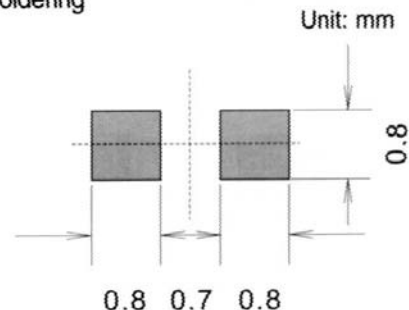
Package Outline Dimensions :

Unit: mm Tolerance: +/-0.1



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

- Recommended Soldering Pattern for Reflow Soldering



MICRO ELECTRONICS LTD.

G/F, 38 Hung To Road, Kwun Tong, Kowloon, Hong Kong.
Kwun Tong P.O. BOX 69477, Hong Kong. TEL: (852) 23430181 FAX: (852) 23410321
HOME PAGE: <http://www.microelectr.com.hk> E-MAIL ADDRESS: common@microelectr.com.hk