

Electro-Optical Characteristics :

 $I_F @ 20\text{mA}, T_a 25^\circ\text{C}$

Items	Symbols	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F =20mA		3.5	4.0	V
Luminous Intensity	I _v	I _F =20mA	N:25		N:50	mcd
Wavelength	λ_d	I _F =20mA	460		480	nm
Spectral Line Half Width	$\Delta \lambda$	I _F =20mA		45		nm

Technical Data :

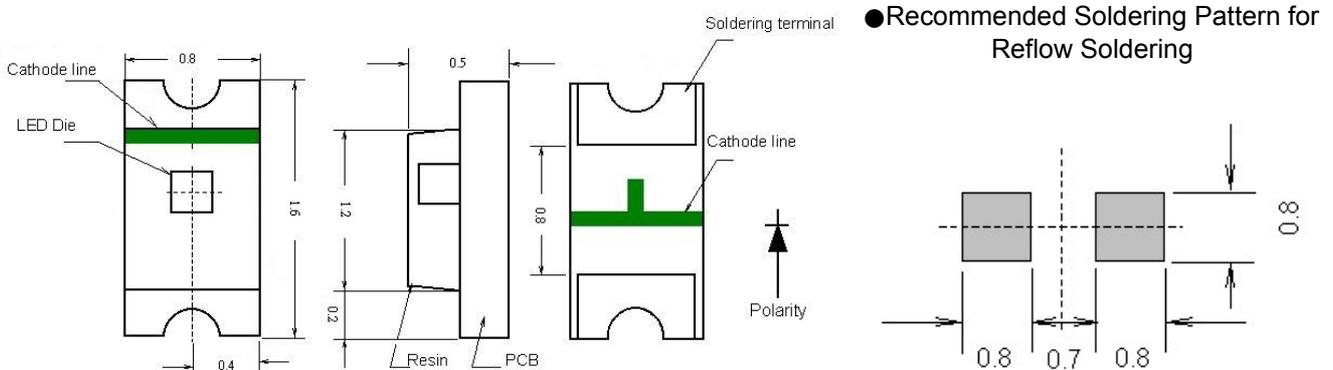
Source Color : Blue
 Epoxy Resin : Diffused
 Lens Type : Flat

Absolute Maximum Ratings :

Items	Symbols	Maximum Ratings	Units
Power Dissipation	P _d	90	mW
Forward Current	I _F	20	mA
Peak Forward Current	I _{FP}	100*1	mA
Reverse Voltage	V _r	5	V
Operating temperature	T _{opr}	-30 to +80	°C
Storage Temperature	T _{stg}	-40 to +85	°C

*Condition for I_{FP} is pulse of 1/10 duty and 1kHz width

Package Outline Dimensions :



All dimension in mm

Drawing no scale

Tol. : +/-0.1mm



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