

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	$I_F=20\text{mA}$		3.5	4.2	V
Luminous Intensity	I_v	$I_F=20\text{mA}$	P:40		P:80	mcd
			Q:63		Q:125	
			R:100		R:200	
Output Power	P_o	$I_F=20\text{mA}$		1.5		mW
Peak / Dominant Wavelength	λ_p / λ_d	$I_F=20\text{mA}$		523/525		nm
Spectral Line Half Width	$\Delta \lambda$	$I_F=20\text{mA}$		36		nm

Technical Data :

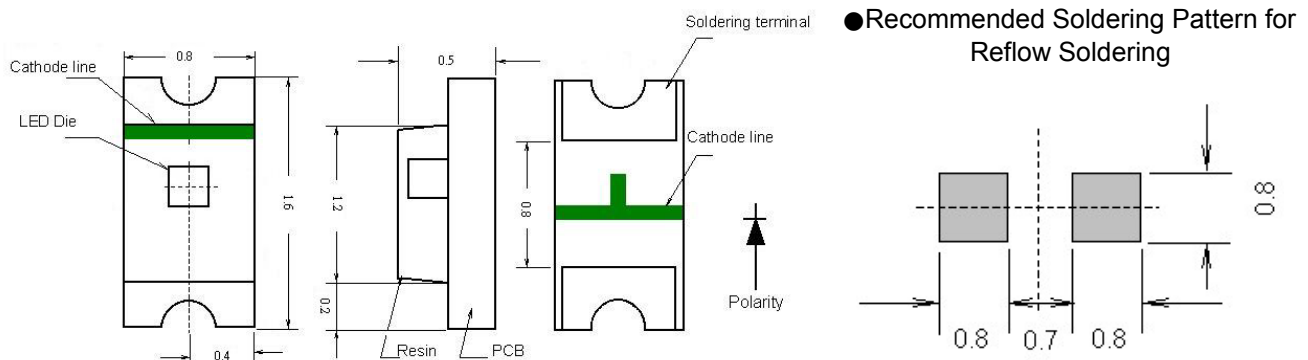
Source Color : Green
Epoxy Resin : Diffused
Lena Type : Flat

Absolute Maximum Ratings :

Items	Symbols	Maximum Ratings	Units
Power Dissipation	P_d	84	mW
Forward Current	I_F	20	mA
Peak Forward Current	I_{FP}	100*	mA
Reverse Voltage	V_R	5	V
Operating temperature	T_{opr}	-30 to +85	$^\circ\text{C}$
Storage Temperature	T_{stg}	-40 to +85	$^\circ\text{C}$

*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
HOMEPAGE: <http://www.microelectr.com.hk> E-MAIL ADDRESS: common@microelectr.com.hk