

Electro-Optical Characteristics :

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

Code for Parts	Lighting Color	Material	$V_F(V)$		$\lambda (nm)$			$I_v^*(mcd)$
			typ.	max.	λ_D	λ_P	$\Delta \lambda$	typ.
MLM-150NB	Blue	InGaN	4.0	4.5	470	468	45	25

*NIST standards

Absolute Maximum Ratings :

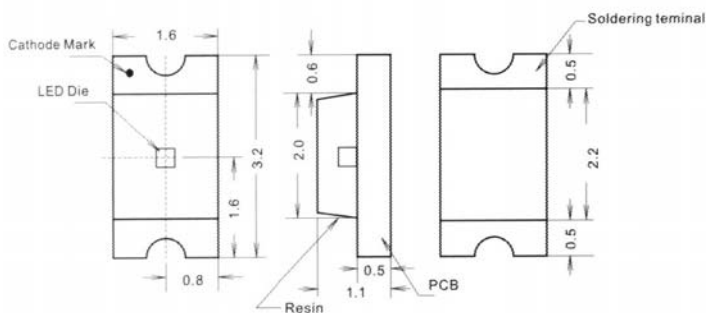
$(T_a=25^{\circ}C)$

Series	$P_d(mW)$	$I_F(mA)$	$I_{FP}(mA)$	$V_R(V)$	$T_{OP}(^{\circ}C)$	$T_{ST}(^{\circ}C)$
MLM-150 Series	84	20	100**	5	-30 to +80	-40 to +85
MLM-150NB	90	20	80**			

**Condition for I_{FP} is pulse of 1/10 duty and 0.1msec width

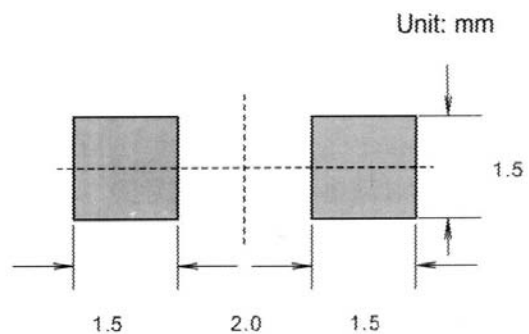
Package Outline Dimensions :

Unit: mm Tolerance: +/-0.1



1. Soldering terminal 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