

MICRO ELECTRONICS

MLM-350 Series

Visible LED

Full Color Series

(3 Chips in 1 Package)

Electro-Optical Characteristics :

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

Code for Parts	Lighting Color		V _F (V)		λ (nm)			I _v *(mcd)
			typ.	max.	λ _D	λ _P	Δ λ	typ.
MLM-350FCH	Die1: Ultra Bright Orange	USD	2.0	2.6	625	636	22	70
	Die2: Green	NG	3.5	4.2	525	523	36	105
	Die3: Blue	NB	3.5	4.2	470	468	26	25
MLM-350FCQ	Die1: Ultra Bright Red	HQ	2.1	2.8	632	643	20	32
	Die2: Ultra Bright Yellow Green	UYG	2.2	2.6	573	574	16	45
	Die3: Blue	CBS	4.0	4.7	468	430	65	6
MLM-350FC	Die1: Super Bright Orange	SD	2.1	2.6	632	642	40	10
	Die2: Yellow Green	YG	2.2	2.6	570	568	30	9.5
	Die3: Blue	CBS	4.0	4.7	468	430	65	6

*NIST standards

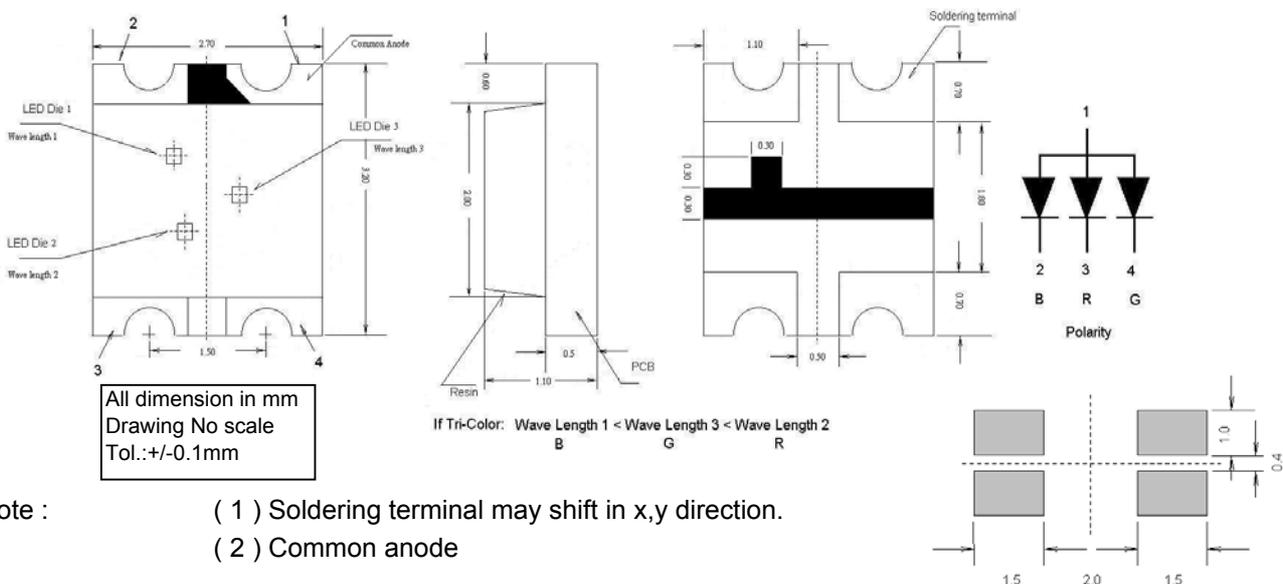
Absolute Maximum Ratings :

(T_a=25°C)

Series	P _d (mW)	I _F (mA)	I _{FP} (mA)	V _R (V)	T _{OP} (°C)	T _{ST} (°C)
MLM-350CBS	70	15	100**	5	-30 to +80	-40 to +85
MLM-350CB/CG	84	20	100**			
MLM-350SD/YG	90	20	100**			
MLM-350HQ	42	15	100**			
MLM-350UYG/USD	78	30	100**			

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

Package Outline Dimensions :



Note : (1) Soldering terminal may shift in x,y direction.
(2) Common anode