

## Electro-Optical Characteristics :

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

Code for Parts	Lighting Color		$V_F(V)$		$\lambda (nm)$			$I_v^*(mcd)$
			typ.	max.	$\lambda_D$	$\lambda_P$	$\Delta \lambda$	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

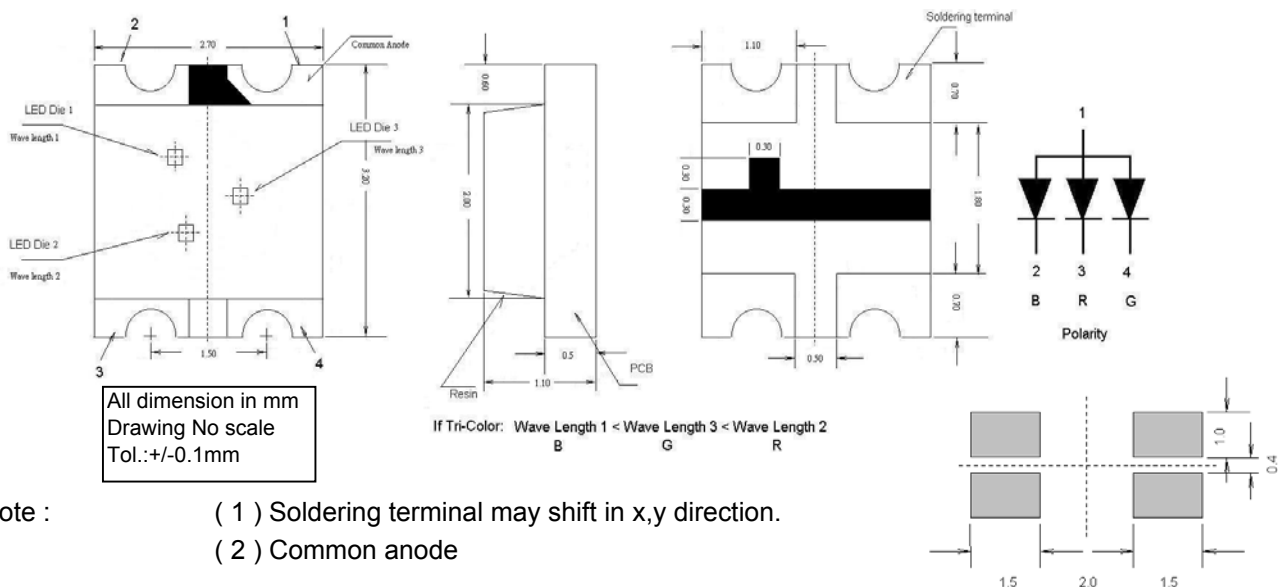
## Absolute Maximum Ratings :

$(T_a = 25^\circ C)$

Series	$P_d(mW)$	$I_F(mA)$	$I_{FP}(mA)$	$V_R(V)$	$T_{OP}(^\circ C)$	$T_{ST}(^\circ C)$
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 :



Soldering Pattern



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