

Electro-Optical Characteristics :

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

Code for Parts	Lighting Color	Material	V _F (V)		λ (nm)			I _v [*] (mcd)
			typ.	max.	λ _D	λ _P	Δ λ	typ.
MLM-152 YG/YG	Yellow Green (YG)	GaP	2.2	2.6	572	570	30	9.5
	Yellow Green (YG)	GaP	2.2	2.6	572	570	30	9.5
MLM-152 Y/Y	Yellow (Y)	GaAsP	2.1	2.6	590	589	40	8.0
	Yellow (Y)	GaAsP	2.1	2.6	590	589	40	8.0
MLM-152 SD/YG	Super Bright Orange (SD)	GaAsP	2.1	2.6	532	642	40	10.0
	Yellow Green (YG)	GaP	2.2	2.6	572	570	30	9.5

*NIST standards

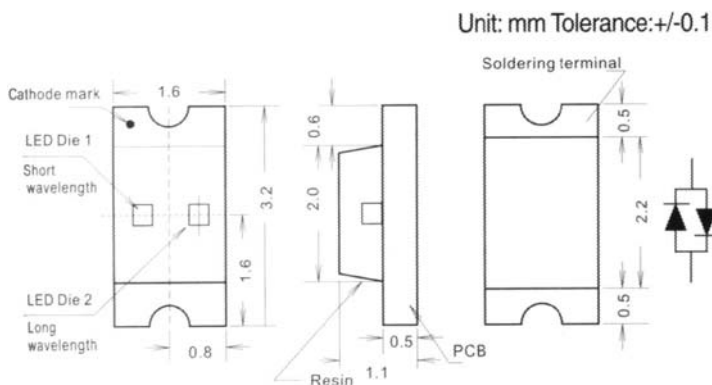
Absolute Maximum Ratings :

(T_a=25°C)

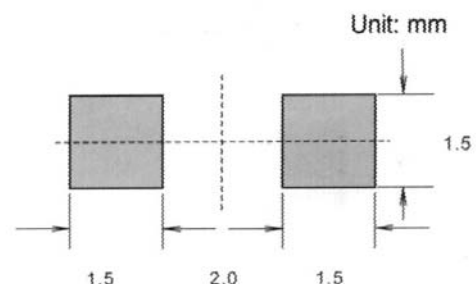
Series	P _d (mW)	I _F (mA)	I _{FP} (mA)	V _R (V)	T _{OP} (°C)	T _{ST} (°C)
MLM-152 Series	65	25	100**	5	-30 to +80	-40 to +85

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

Package Outline Dimensions :



• Recommended Soldering Pattern for Reflow Soldering :



1. Soldering terminal may shift in x, y direction.
2. Both dice in the package need to be either P-side up or N-side up



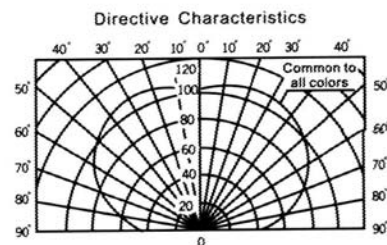
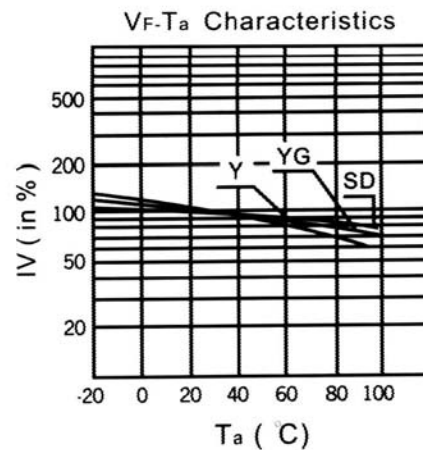
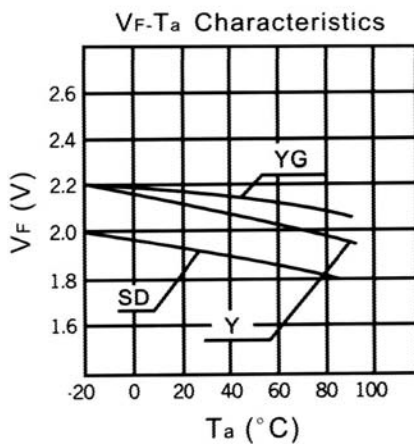
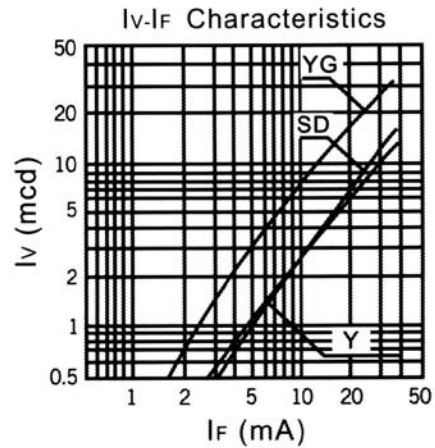
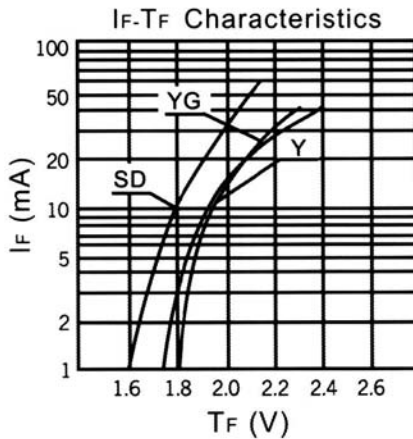
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Characteristics of MLM-152 Series :



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