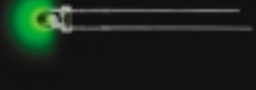


$\phi 3.1(T-1)$ Circular Type High Brightness Type <Viewing Angle $2\theta 1/2 : 40^\circ$ >

SLA-360 Series

Emitting Color	Green(Yellowish Green)	Red
Material	GaP	GaAlAs on GaAs
Emitting Surface Dimension(mm)		
Part No.	SLA-360MT	SLA-360LT

Absolute Maximum Ratings (Ta=25°C)

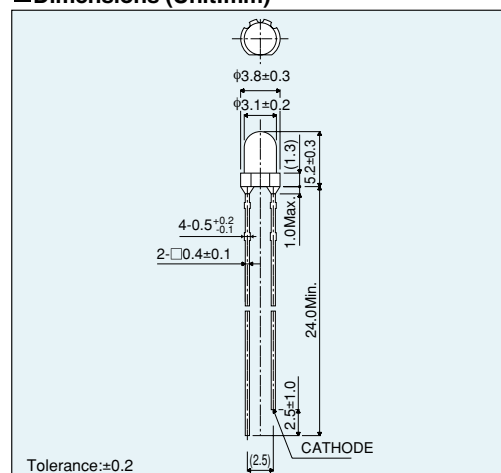
Part No.	Emitting color	Power dissipation P _D (mW)	Forward current I _F (mA)	Peak forward current *I _{FP} (mA)	Reverse voltage V _R (V)	Operating temperature T _{opr} (°C)	Storage temperature T _{stg} (°C)
SLA-360MT	Green (Yellowish Green)	75	25	60	4	-25 to +85	-30 to +100
SLA-360LT	Red	100	50	75	4		

*:Duty $\leq 1/5$, pulse width ≤ 1 ms.

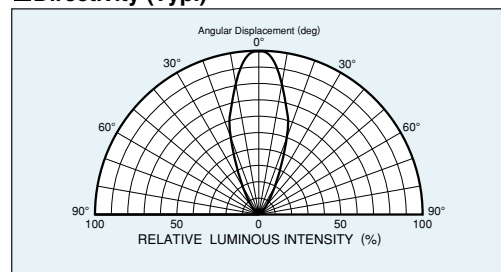
Electrical Optical Characteristics (Ta=25°C)

Part No.	Resin Color	Forward voltage V _F		Reverse current I _R		Light wavelength			Brightness I _v		
		Typ. (V)	I _F (mA)	Max. (μA)	V _R (V)	Peak λ _p (nm)	Half-wave Δλ (nm)	I _F (mA)	Min. (mcd)	Typ. (mcd)	I _F (mA)
SLA-360MT	Transparent	2.3	20	10	4	563	40	20	42	100	20
SLA-360LT	Colorless	1.75	100	100		660	25		20	47	

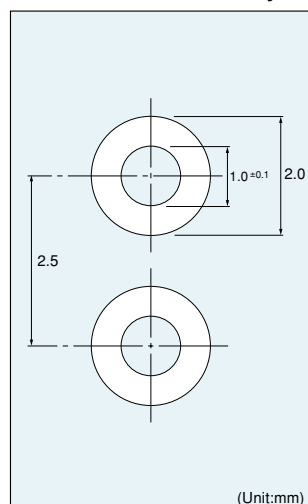
Dimensions (Unit:mm)



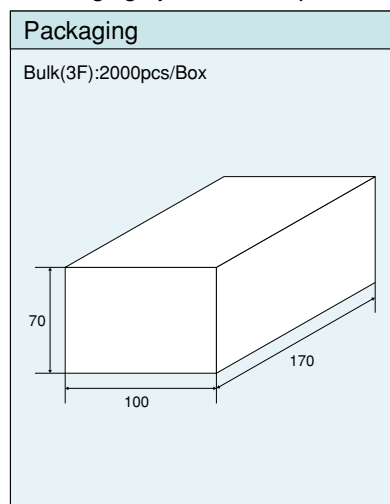
Directivity (Typ.)



Recommended Pad Layout

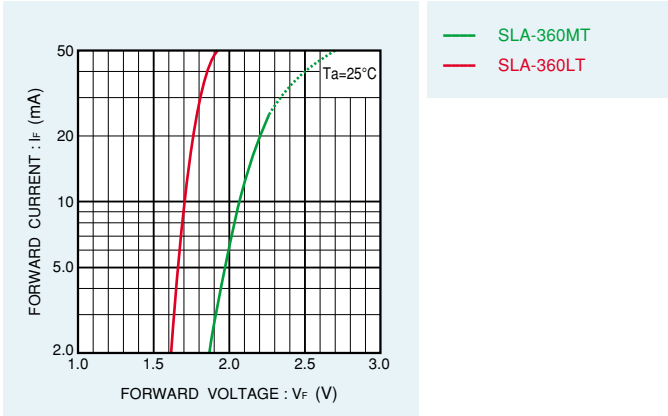


Packaging Specifications (Unit:mm)

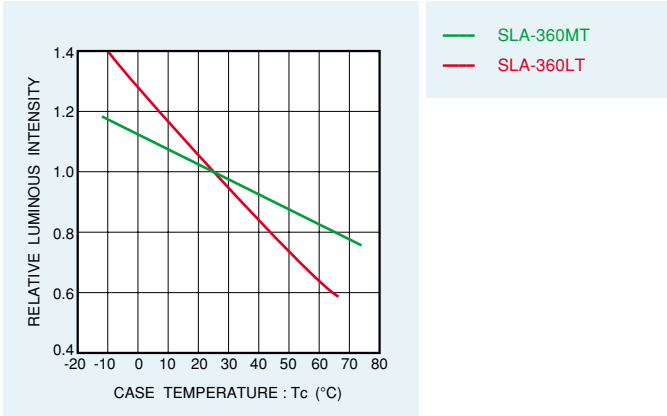


■Electrical Characteristic Curves

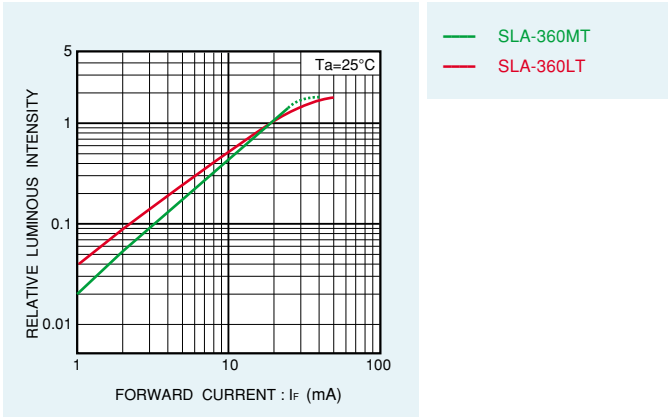
Forward Current - Forward Voltage



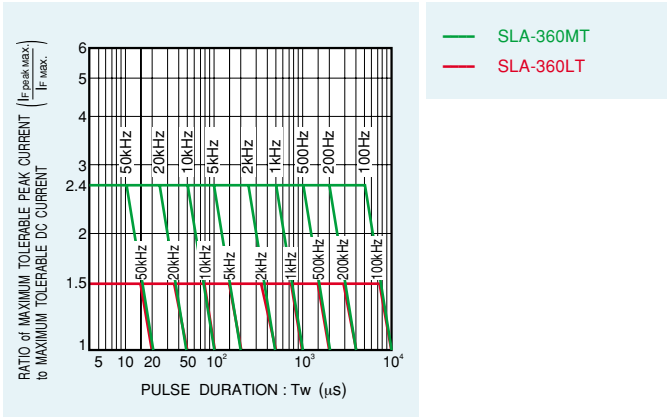
Relative Luminous Intensity - Case Temperature



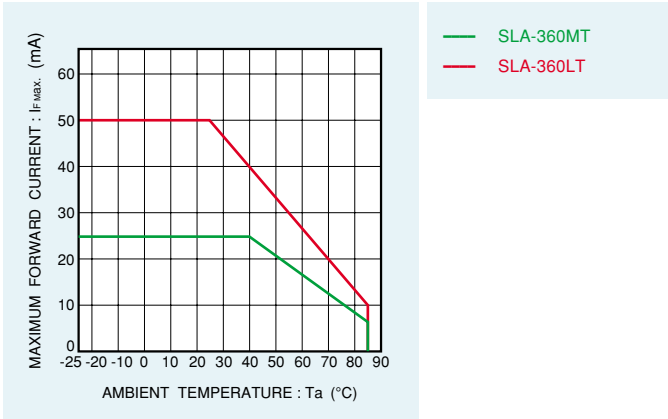
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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