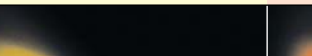
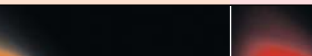
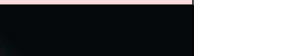
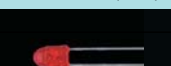


φ3.1(T-1) Circular Type High Brightness Type <Viewing Angle 2θ1/2 : 40°>

SLI-343 Series

Pressure Release

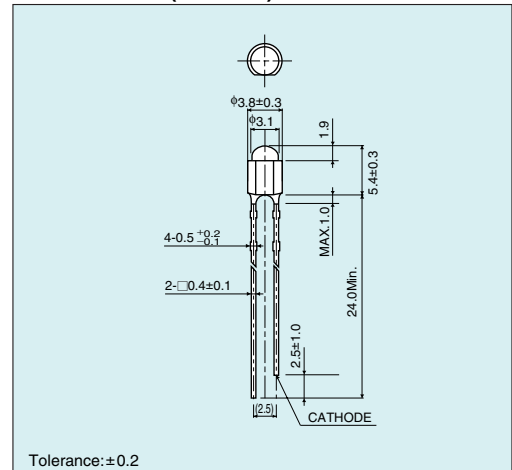
Emitting Color	Green (Yellowish Green)		Yellow		Orange		Red	
Material	AlGaInP on GaAs							
Emitting Surface Dimension(mm)								
 φ3.1								
Part No.	SLI-343MC	SLI-343MG	SLI-343YC	SLI-343YY	SLI-343DC	SLI-343DU	SLI-343URC	SLI-343UR

■ 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)
SLI-343MC	Green (Yellowish Green)	62	25	100	9	-25 to +85	-30 to +100
SLI-343MG							
SLI-343YC	Yellow						
SLI-343YY							
SLI-343DC	Orange	125	50	200			
SLI-343DU							
SLI-343URC	Red						
SLI-343UR							

*:Duty ≤1/10, 1kHz

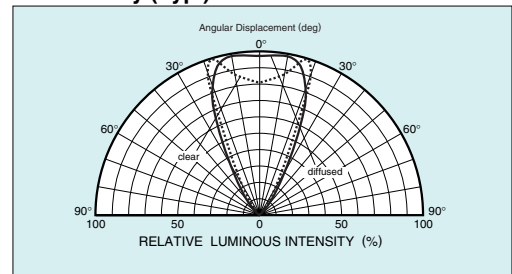
■ Dimensions (Unit:mm)



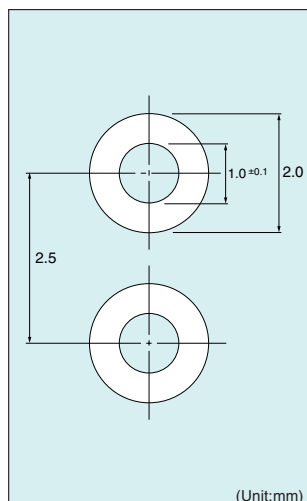
■ Electrical Optical Characteristics (Ta=25°C)

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)
SLI-343MC	Transparent Colored	2.1				572	18		56	200	
SLI-343MG	Diffused Colored									180	
SLI-343YC	Transparent Colored	1.9	20	100	9	591	15	20	90	350	20
SLI-343YY	Diffused Colored									300	
SLI-343DC	Transparent Colored	1.9	20	100	9	611	17	20	90	500	20
SLI-343DU	Diffused Colored									350	
SLI-343URC	Transparent Colored	1.9	20	100	9	630	20	20	90	450	20
SLI-343UR	Diffused Colored									350	

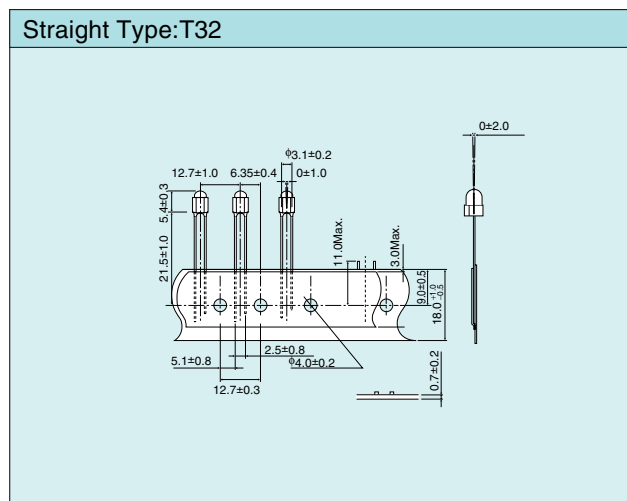
■ Directivity (Typ.)



■ Recommended Pad Layout

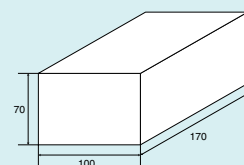


■ Packaging Specifications (Unit:mm)

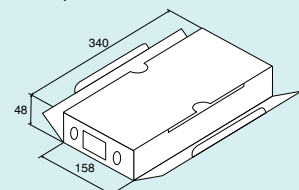


Packaging

Bulk(3F):2000pcs/Box

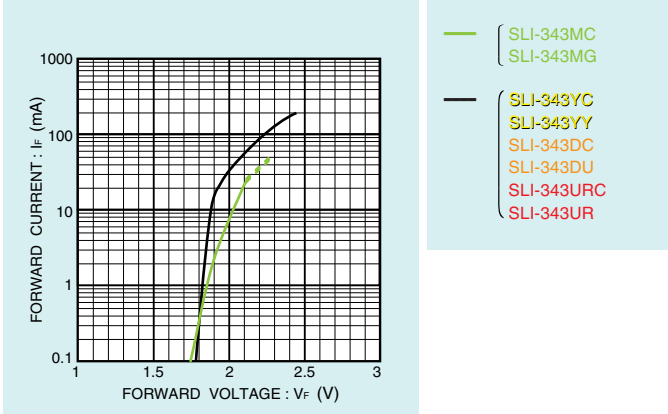


Tape:2000pcs/Box

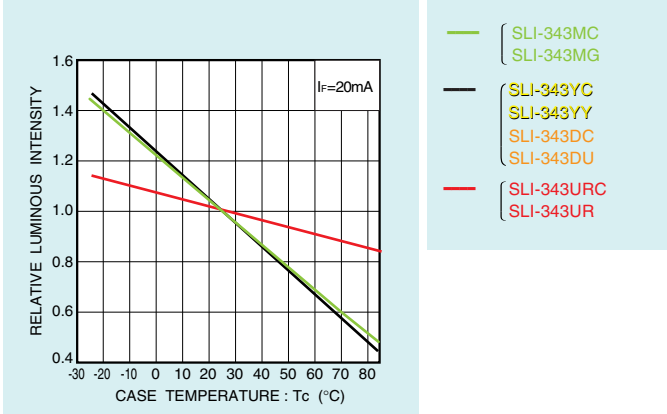


■Electrical Characteristic Curves

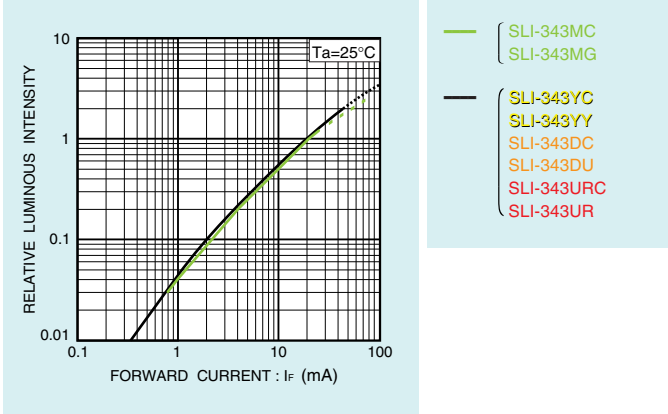
Forward Current - Forward Voltage



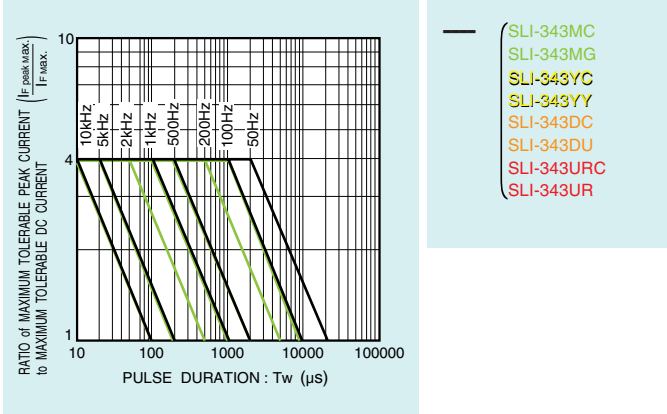
Relative Luminous Intensity - Case Temperature



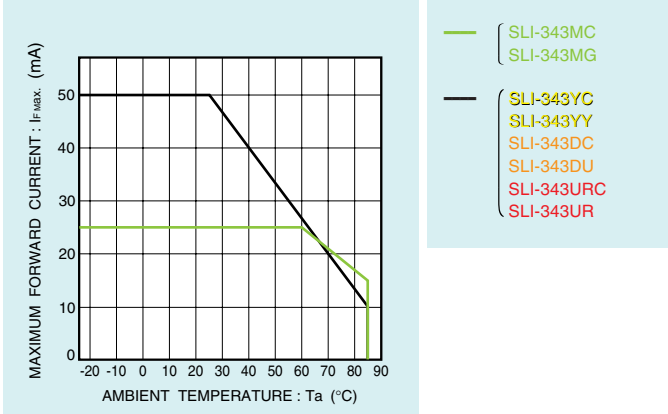
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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