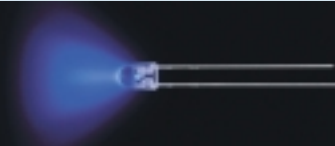
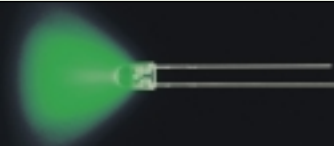


φ3.1(T-1) Circular Type High Brightness Type <Viewing Angle 2θ1/2 : 40°>

SLR343 Series

Pressure Release

Emitting Color	Blue		Green	
Material	InGaN on SiC			
Emitting Surface Dimension(mm)				
Part No.	SLR343BC4T	SLR343BCT	SLR343EC4T	SLR343ECT

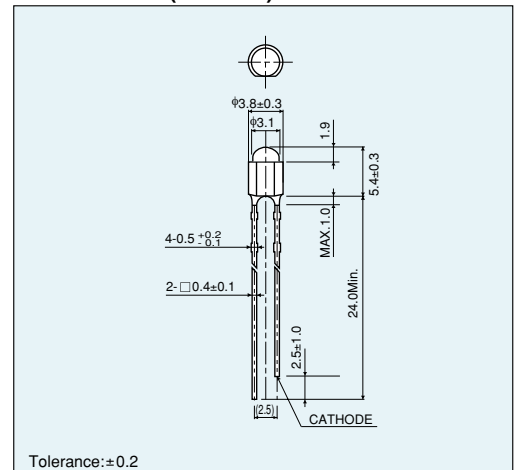
note) "-" will be taken out for emitting color B/E series.

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)
SLR343BC4T	Blue	120	30	100	5	-20 to +80	-30 to +100
SLR343BCT							
SLR343EC4T	Green	120	30	100	5	-20 to +80	-30 to +100
SLR343ECT							

*:Duty ≤1/10, 1kHz

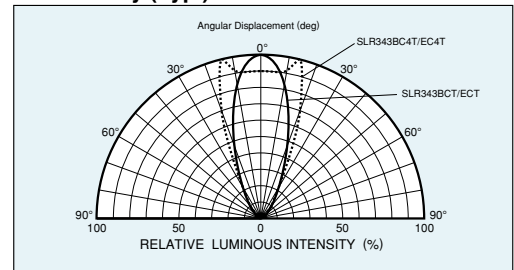
Dimensions (Unit:mm)



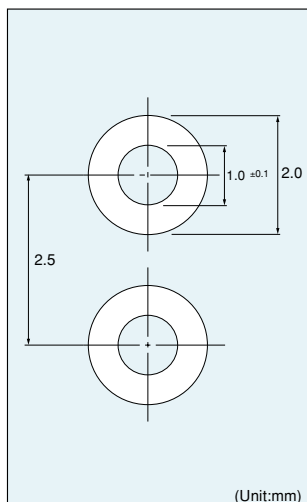
Electrical Optical Characteristics (Ta=25°C)

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)
SLR343BC4T	Transparent Colorless	3.2	20	100	5	468	26	20	200	470	20
SLR343BCT		3.3				523	36		420	600	
SLR343EC4T		3.2				518	35		610	1500	
SLR343ECT		3.3							2000		

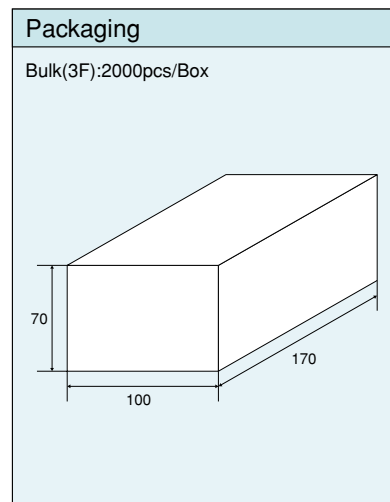
Directivity (Typ.)



Recommended Pad Layout



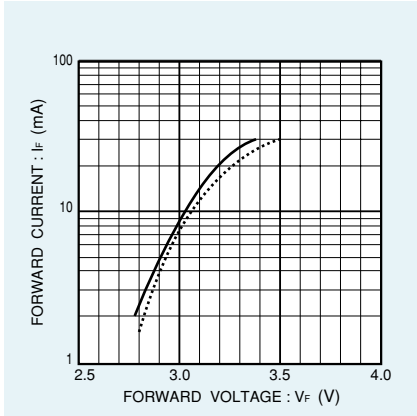
Packaging Specifications (Unit:mm)



Note) The design and specifications are subject to change without prior notice. Before ordering or using, please check the latest technical specifications.

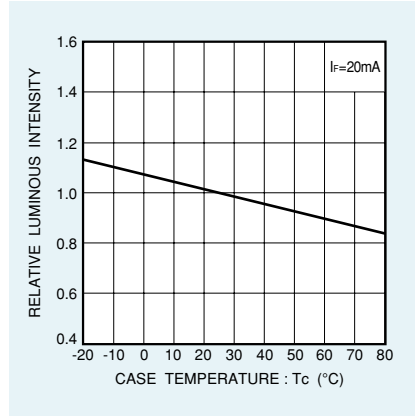
Electrical Characteristic Curves

Forward Current - Forward Voltage



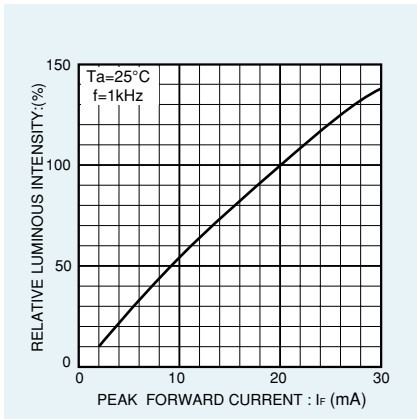
— (SLR343BC4T
SLR343EC4T)
..... (SLR343ECT
SLR343BCT)

Relative Luminous Intensity - Case Temperature



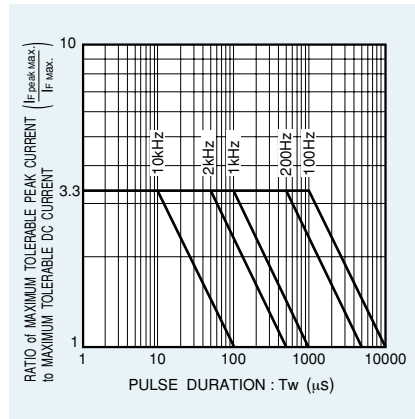
— (SLR343BCT
SLR343ECT
SLR343BC4T
SLR343EC4T)

Relative Luminous Intensity - Forward Current



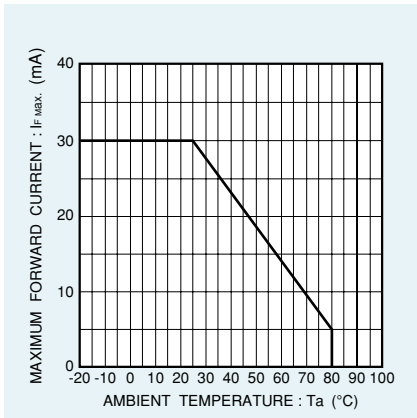
— (SLR343BCT
SLR343ECT
SLR343BC4T
SLR343EC4T)

Ratio of Maximum Tolerable Peak Current - Pulse Duration



— (SLR343BCT
SLR343ECT
SLR343BC4T
SLR343EC4T)

Derating



— (SLR343BCT
SLR343ECT
SLR343BC4T
SLR343EC4T)

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