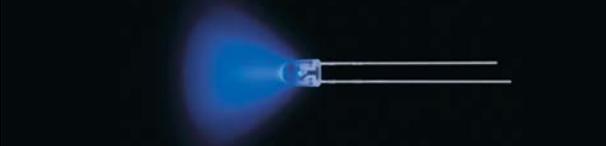
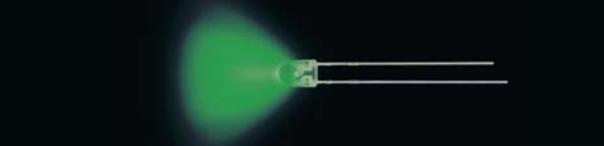


φ3.1(T-1) Circular Type Medium / High-Brightness Type <Viewing Angle 2θ1/2 : 40°>

SLR343 Series

Pressure Release

Emitting Color	Blue				Green	
Material	InGaN on SiC					
Emitting Surface Dimension(mm)						
Part No.	SLR343BC4T	SLR343BC7T	SLR343BCT	SLR343BD2T	SLR343EC4T	SLR343ECT

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

Absolute Maximum Ratings (Ta=25°C)

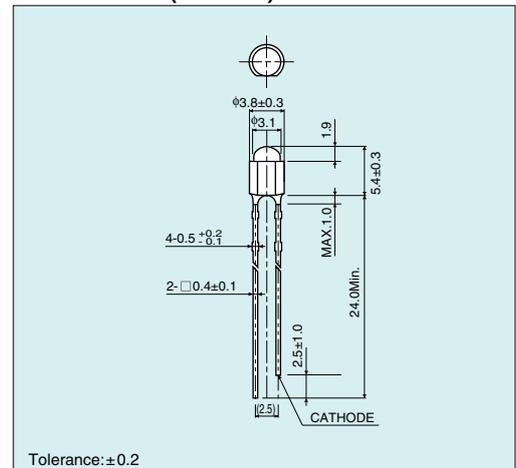
Part No.	Emitting color	Power dissipation Pb (mW)	Forward current IF (mA)	Peak forward current * I _{FP} (mA)	Reverse voltage VR (V)	Operating temperature T _{opr} (°C)	Storage temperature T _{stg} (°C)
SLR343BC4T	Blue	120	30	100	5	-20 to +80	-30 to +100
SLR343BC7T		105	25				
SLR343BCT		120	30				
SLR343BD2T		126					
SLR343EC4T	Green	120	30	100	5	-20 to +80	-30 to +100
SLR343ECT		120					

*:Duty ≤1/10, 1kHz

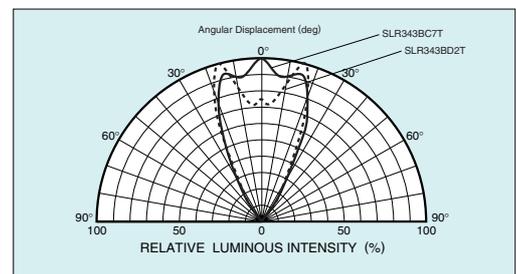
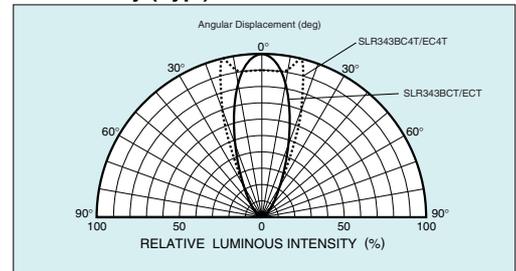
Electrical Optical Characteristics (Ta=25°C)

Part No.	Resin Color	Forward voltage VF		Reverse current IR		Light wavelength		Brightness Iv			
		Typ. (V)	IF (mA)	Max. (μA)	VR (V)	Peak λ _p (nm)	Half-wave Δλ (nm)	IF (mA)	Min. (mcd)	Typ. (mcd)	IF (mA)
SLR343BC4T	Transparent Colorless	3.2	20	100	5	468	26	20	200	470	20
SLR343BC7T									220	600	
SLR343BCT		3.3	20	100	5	468	26	20	200	600	
SLR343BD2T		3.2							470	1000	
SLR343EC4T	Colorless	3.3	20	100	5	518	35	20	420	1500	
SLR343ECT									610	2000	

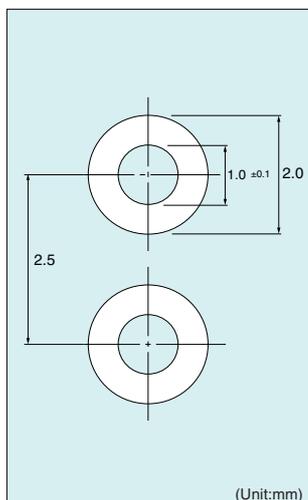
Dimensions (Unit:mm)



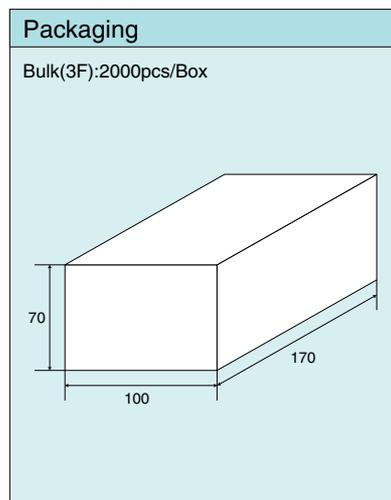
Directivity (Typ.)



Recommended Pad Layout



Packaging Specifications (Unit:mm)

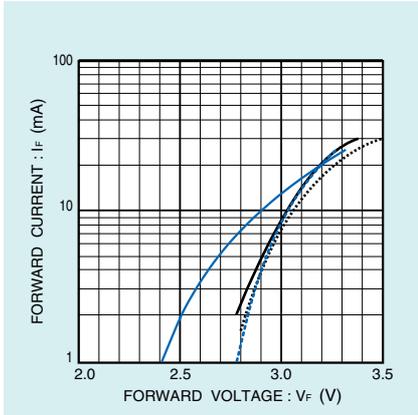


* Taping requirement is subject to consultation.

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

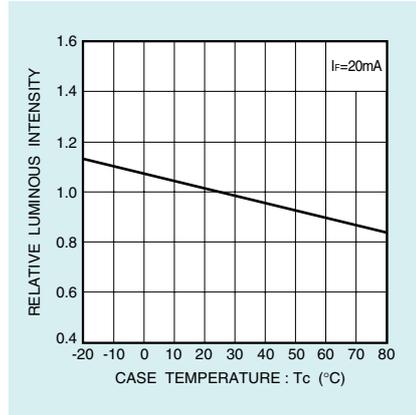
Electrical Characteristic Curves

Forward Current - Forward Voltage



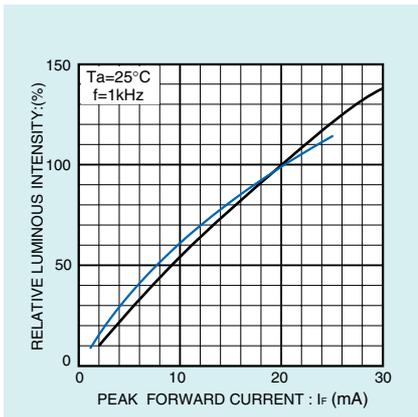
- (SLR343BC4T
SLR343EC4T
- (SLR343ECT
SLR343BCT
- SLR343BC7T
- SLR343BD2T

Relative Luminous Intensity - Case Temperature



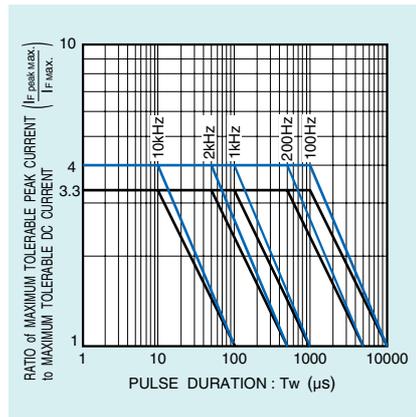
- (SLR343BCT
SLR343ECT
SLR343BC4T
SLR343EC4T
SLR343BC7T
SLR343BD2T

Relative Luminous Intensity - Forward Current



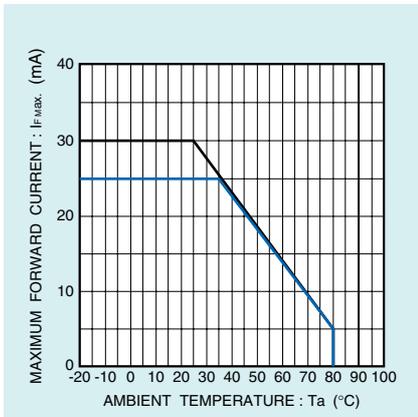
- (SLR343BCT
SLR343ECT
SLR343BC4T
SLR343EC4T
SLR343BD2T
- SLR343BC7T

Ratio of Maximum Tolerable Peak Current - Pulse Duration



- (SLR343BCT
SLR343ECT
SLR343BC4T
SLR343EC4T
SLR343BD2T
- SLR343BC7T

Derating



- (SLR343BCT
SLR343ECT
SLR343BC4T
SLR343EC4T
SLR343BD2T
- SLR343BC7T

Notes

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