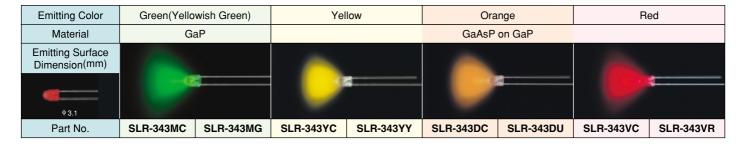
ϕ 3.1(T-1) Circular Type Standard Type <Viewing Angle 2 θ 1/2 : 40 $^{\circ}$ >



SLR-343 Series





■ Absolute Maximum Ratings (Ta=25°C)

Part No.	Emitting color	Power dissipation P _D (mW)	Forward current IF (mA)	Peak forward current *IFP (mA)	Reverse voltage V _R (V)	Operating temperature Topr (°C)	Storage temperature Tstg (°C)	
SLR-343MC	Green	75	25					
SLR-343MG	(Yellowish Green)		25					
SLR-343YC	Yellow				3	-25 to +85		
SLR-343YY	reliow			60			-30 to +100	
SLR-343DC	Orongo	60	20	60		-23 10 +63		
SLR-343DU	Orange							
SLR-343VC	Red							
SLR-343VR	nea							

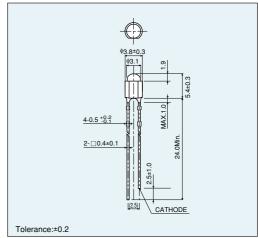
^{*}:Duty \leq 1/5, pulse width \leq 1ms.

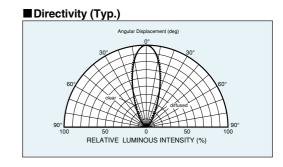
■ Electrical Optical Characteristics (Ta=25°C)

Part No.	Resin Color	Forward voltage V _F		Reverse current In		Light wavelength Peak Half-wave λρ Δλ			Brightness Iv		
		Typ. (V)	lF (mA)	Max. (μA)	VR (V)	Typ. (nm)	Typ. (nm)	lF (mA)	Min. (mcd)	Typ. (mcd)	lF (mA)
SLR-343MC	Transparent Colored	2.1	10	10	3	563	40	10	9.0	25	
SLR-343MG	Diffused Colored								5.6	16	
SLR-343YC	Transparent Colored					585					
SLR-343YY	Diffused Colored								3.6	10	10
SLR-343DC	Transparent Colored	2.0				610			9.0	25	10
SLR-343DU	Diffused Colored								5.6	16	
SLR-343VC	Transparent Colored					CEO			9.0	25	
SLR-343VR	Diffused Colored					650			5.6	16	

Note) SLR-343(LEDs with Pressure Release Structure) series are available in the bulk and straight taping style. For forming taping style, we would recommend our SLR-342 series.

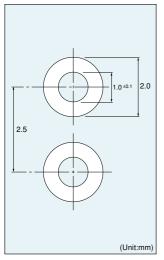
■ Dimensions (Unit:mm)

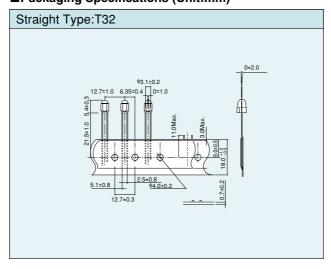


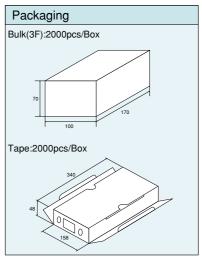


■Recommended Pad Layout

■Packaging Specifications (Unit:mm)

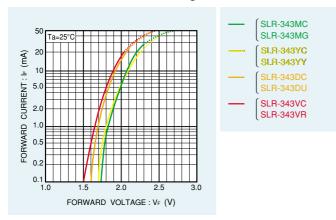




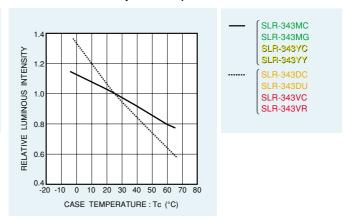


■Electrical Characteristic Curves

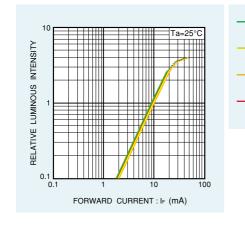
Forward Current - Forward Voltage



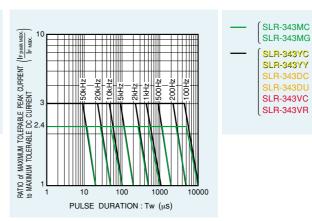
Relative Luminous Intensity - Case Temperature



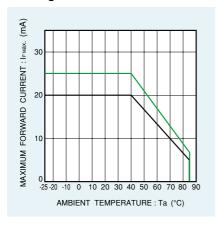
Relative Luminous Intensity - Forward Current

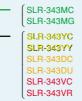


Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating





SLR-343MC

SLR-343MG

SLR-343YC

SLR-343YY

SLR-343DC

SLR-343DU

SLR-343VC

SLR-343VR

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