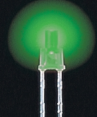
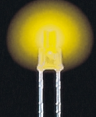
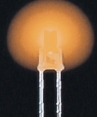
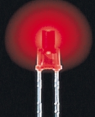


# Standard Type    ϕ2.0 Cylinder Type LED Lamps

SLC-22 Series

Shape	Emitting Surface Dimension (mm)	Green	Yellow	Orange	Red
		GaP		GaAsP on GaP	
		563nm	585nm	610nm	650nm
Cylinder Type	ϕ 2.0				
		SLC-22MG	SLC-22YY	SLC-22DU	SLC-22VR

Absolute Maximum Ratings (Ta=25℃)

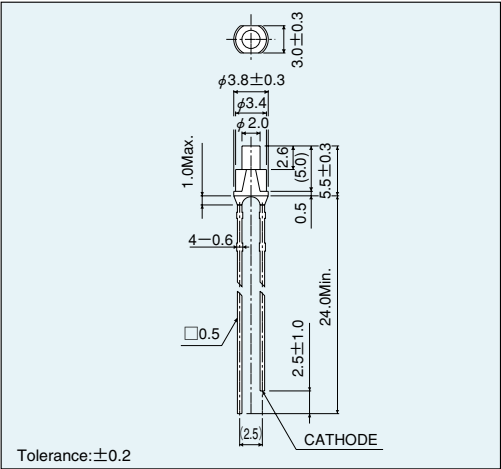
Part No.	Emitting color	Power dissipation P <sub>D</sub> (mW)	Forward current I <sub>F</sub> (mA)	Peak forward current I <sub>FP</sub> (mA)	Reverse voltage V <sub>R</sub> (V)	Operating temperature T <sub>opr</sub> (℃)	Stotage temperature T <sub>stg</sub> (℃)
SLC-22MG	Green	75	25	60	3	-25 to +85	-30 to +100
SLC-22YY	Yellow						
SLC-22DU	Orange	60	20				
SLC-22VR	Red						

\* I<sub>FP</sub> measured under duty ≤1/ 5,pulse width ≤1ms.

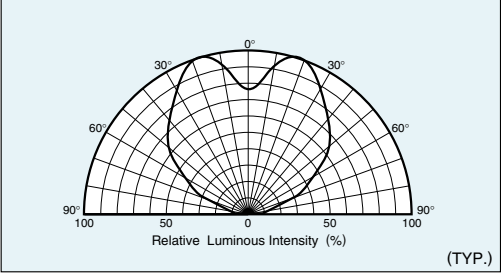
Electrical Optical Characteristics (Ta=25℃)

Part No.	Resin Color	Forward voltage V <sub>F</sub>		Reverse current I <sub>R</sub>		Light wavelength			Brightness I <sub>v</sub>		
		Typ. (V)	I <sub>F</sub> (mA)	Max. (μA)	V <sub>R</sub> (V)	Peak λ <sub>p</sub>	Half-wave Δλ	I <sub>F</sub> (mA)	Min. (mcd)	Typ. (mcd)	I <sub>F</sub> (mA)
						Typ. (nm)	Typ. (nm)				
SLC-22MG	Colored Diffused	2.1	10	10	3	563	40	10	0.9	2.5	10
SLC-22YY						585					
SLC-22DU						610			0.56	1.6	
SLC-22VR		2.0				650			0.9	2.5	

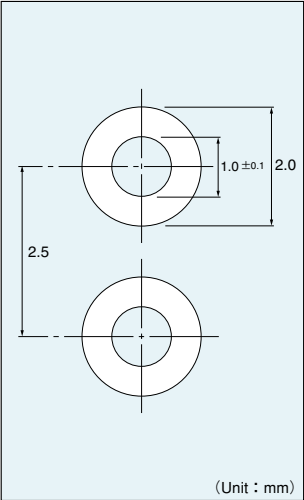
External Dimensions (Unit : mm)



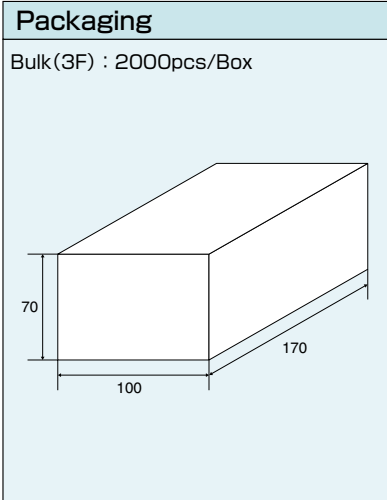
Directivity



Recommended Pad Layout

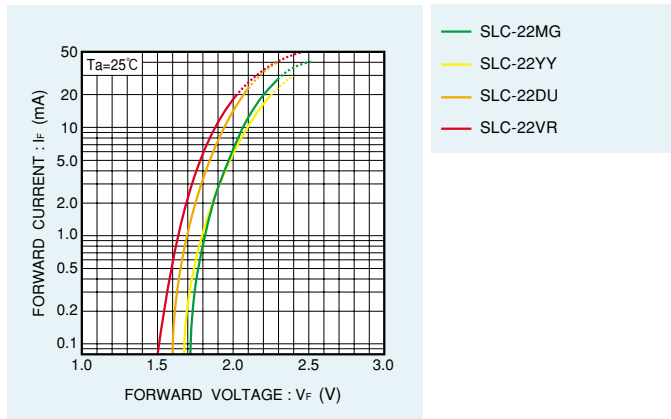


Packaging Specifications (Unit : mm)

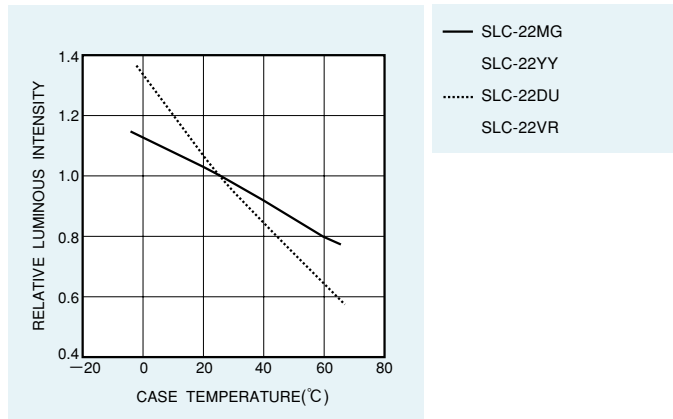


## Electrical Characteristic Curves

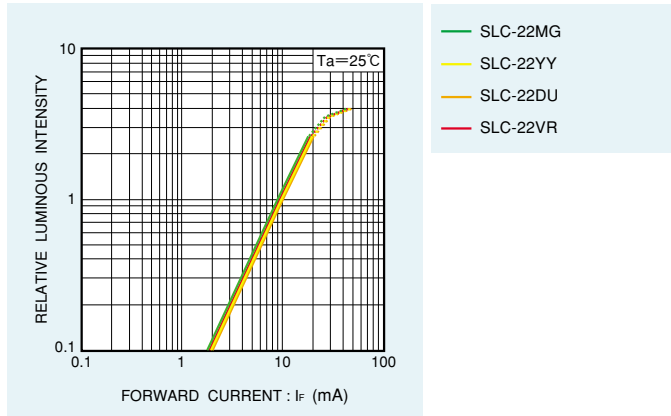
### Forward Current - Forward Voltage



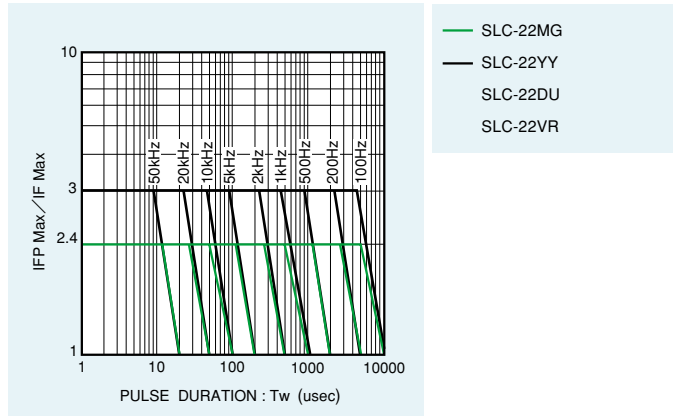
### Relative Luminous Intensity - Case Temperature



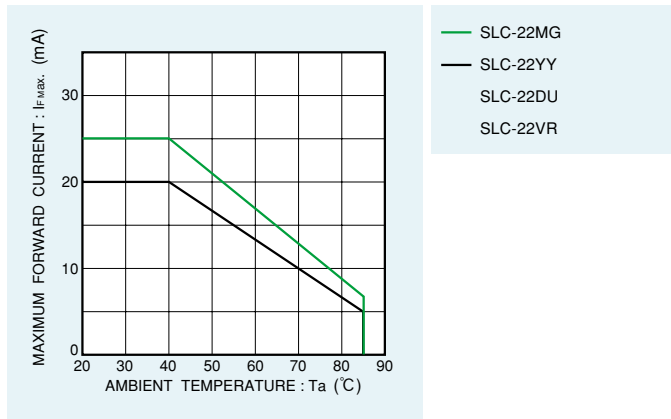
### Relative Luminous Intensity - Forward Current



### Ratio of Maximum Tolerable Peak Current - Pulse Duration



## Derating



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