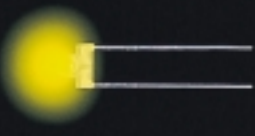
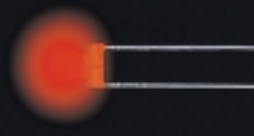


φ3.2(T-1) Circular Type <5mm Pitch Type> Low Current Type <Viewing Angle 2θ1/2 : 40°>

SLI-325 Series

Emitting Color	Yellow		Orange		Red	
Material			AlGaInP on GaAs			
Emitting Surface Dimension(mm)						
Part No.	SLI-325YCT31W	SLI-325YYT31W	SLI-325DCT31W	SLI-325DUT31W	SLI-325URCT31W	SLI-325URT31W

Absolute Maximum Ratings (Ta=25°C)

Part No.	Emitting color	Power dissipation Pd (mW)	Forward current If (mA)	Peak forward current *Ifp (mA)	Reverse voltage VR (V)	Operating temperature Topr (°C)	Storage temperature Tstg (°C)
SLI-325YCT31W	Yellow	48	20	60	4	-25 to +85	-30 to +100
SLI-325YYT31W							
SLI-325DCT31W	Orange	48	20	60	4	-25 to +85	-30 to +100
SLI-325DUT31W							
SLI-325URCT31W	Red	48	20	60	4	-25 to +85	-30 to +100
SLI-325URT31W							

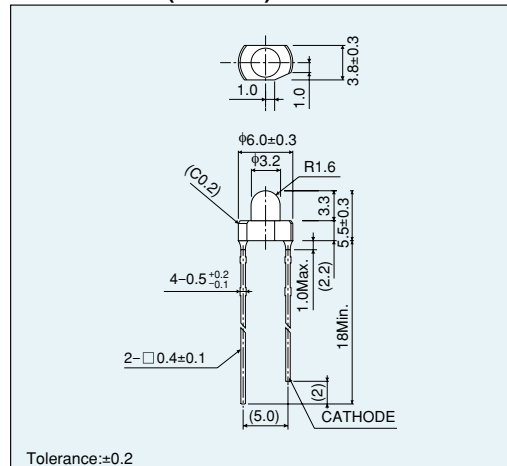
*:Duty ≤ 1/5, pulse width ≤ 1ms.

Electrical Optical Characteristics (Ta=25°C)

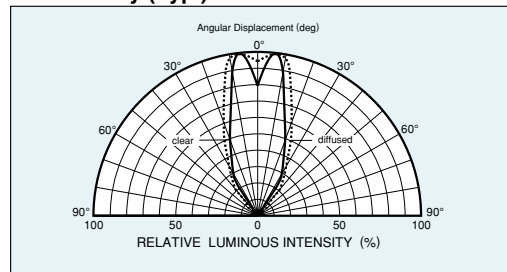
Part No.	Resin Color	Forward voltage VF		Reverse current IR		Light wavelength		Brightness Iv		
		Typ. (V)	If (mA)	Max. (μA)	VR (V)	Peak λp (nm)	Half-wave Δλ (nm)	Min. (mcd)	Typ. (mcd)	If (mA)
SLI-325YCT31W	Transparent Colored	1.9 (1.80)	20 (2)	100	4	591	15	36	160(16)	20 (2)
SLI-325YYT31W	Diffused Colored					591	15	36	100(10)	
SLI-325DCT31W	Transparent Colored	1.85 (1.80)	20 (2)	100	4	611	16	36	160(16)	20 (2)
SLI-325DUT31W	Diffused Colored					611	16	36	100(10)	
SLI-325URCT31W	Transparent Colored	1.85 (1.80)	20 (2)	100	4	630	18	36	160(16)	20 (2)
SLI-325URT31W	Diffused Colored					630	18	36	100(10)	

Note) Straight taping only.

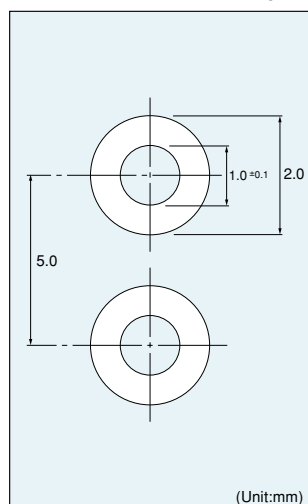
Dimensions (Unit:mm)



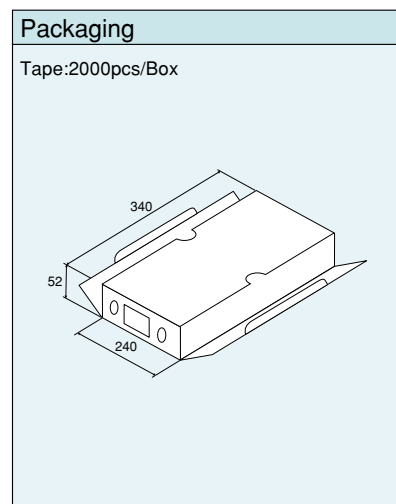
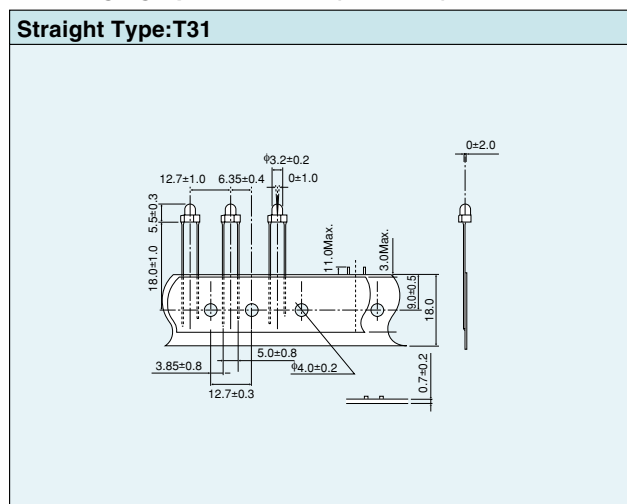
Directivity (Typ.)



Recommended Pad Layout

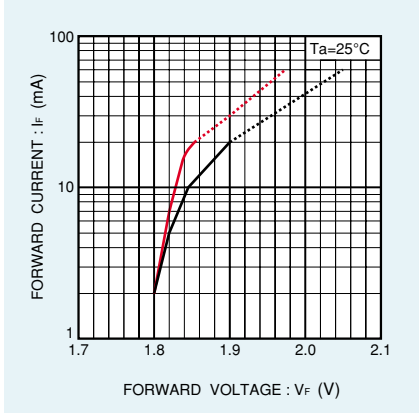


Packaging Specifications (Unit:mm)

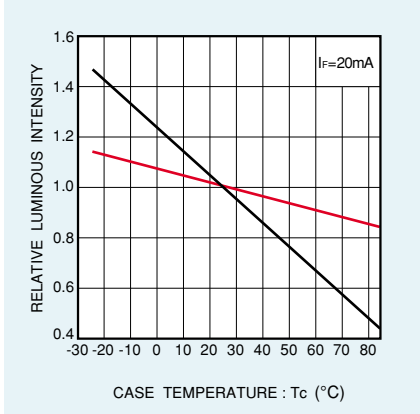


■ Electrical Characteristic Curves

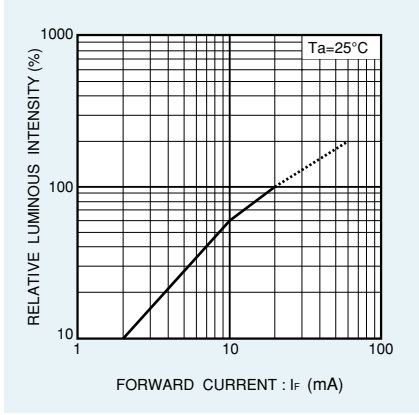
Forward Current - Forward Voltage



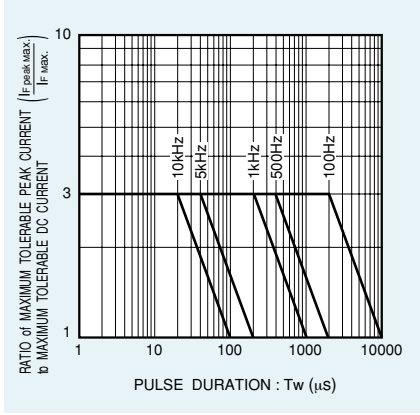
Relative Luminous Intensity - Case Temperature



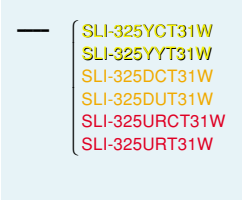
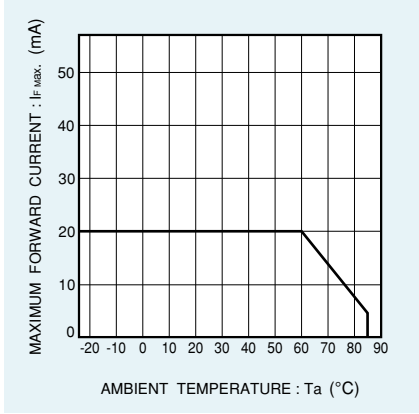
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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