



Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Parameter	Symbol	
Peak Forward Current	I_{fm}	100mA
Average Forward Current	I_f	30mA
Reverse Voltage	V_r	5V
Operating Temperature Range	T_{opr}	-40°C to + 85°C
Storage Temperature Range	T_{sto}	-40°C to + 100°C
Lead Soldering Temperature	T_{sol}	260°C / 5 Secondes

Notes: a. Duty Ratio = 1/10, Pulse Width = 0.1ms.
b. Design of heat dissipation should be considered.

Device Selection Guide

Part Number	Luminous Intensity $I_v(\text{mcd}) @ I_f = 20 \text{ mA}$		Viewing Angle $2\theta_{1/2}$	Dominant Wavelength $\lambda_d(\text{nm}) @ I_f = 20 \text{ mA}$	V_f $@ I_f = 20 \text{ mA}$		$I_r(\mu\text{A})$ $@ V_r = 5\text{V}$	Stand Off	Epoxy Color
	Min.	Typ.	Typ.	Typ.	Typ.	Max.	Max.		
L395VD1-E-D9.8	210	280	60/120°	589	2.0	2.4	10	Yes	Yellow Diffused

BIN#	M	N	P		
Intensity(mcd) $@ I_f = 20 \text{ mA}$	210-295	295-415	415-580		

Package Dimensions

