



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

Parameter	Symbol	Maximum Value
Average Forward Current	I_F	20mA
Peak Forward Current ^[a]	I_{peak}	50mA
Reverse Voltage	V_R	5V
Power Dissipation	P_D	80mW
Operating Temperature Range	T_{opr}	-40°C ~ +85°C
Storage Temperature Range	T_{sto}	-40°C ~ +100°C
Lead Soldering Temperature	T_{sol}	260°C / 5 seconds

Notes: [a] Duty Ratio = 1/10, Pulse Width = 0.1ms.

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.		
L515FD2-E-D10.65	660	900	105/45°	525	3.4	4.0	50	Yes	Green Diffused

BIN#	Q	R	S		
Intensity(mcd) @ $I_F = 20 \text{ mA}$	660-920	920-1285	1285-1800		

Package Dimensions

