



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

Parameter	Symbol	
DC Forward Current	I_f	70mA
Reverse Voltage	V_r	5V
Power Dissipation	P_D	210mW
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 for 5 Seconds

Notes: Duty Ratio=1/10, Pulse Width=0.1 ms

Part Number	Total Flux $\Phi_v(\text{mlm})^{[1]}$ @ $I_F = 70 \text{ mA}$		Luminous Intensity $I_v(\text{mcd})/\Phi_v$ @ $I_F = 70 \text{ mA}$	Viewing Angle $2\theta_{1/2}$	Dominant Wavelength $\lambda_d(\text{nm})$ @ $I_F = 70 \text{ mA}$	V_F @ $I_F = 70 \text{ mA}$		$I_R(\mu\text{A})$ @ $V_R = 5\text{V}$
	Min.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Max.
Q8G8VC3-E-70	2000	2500	1.0	70°	589	2.7	3.0	100

BIN#	D	E	F		
Total Flux(mlm) @ $I_F = 70 \text{ mA}$	2000-2750	2750-3850	3850-5400		

Notes: [1] Tolerance Value of $\Phi_v \pm 15\%$.

Package Dimensions

