



### Absolute Maximum Ratings at Ta = 25°C

Parameter	Maximum	Unit
Power Dissipation	100	mW
Peak Forward Current (1/10 duty cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	50	mA
Derating Linear from 50°C	0.4	mA/°C
Reverse Voltage	5.0	V
Operating Temperature Range	-40 to +80	°C
Storage Temperature Range	-40 to +80	°C
Load Soldering Temperature (1.6mm [.063" from body])	260°C for 5 seconds	

### Electrical Optical Characteristics at Ta = 25°C

Parameter	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	7	15	25	mcd	I = 20mA
Peak Emission Wavelength	563	568	573	nm	I = 20mA
Spectral Line Half-Width	25	30	35	nm	I = 20mA
Forward Voltage	1.7	2.2	2.6	V	I = 20mA
Reverse Current	--	--	100	uA	V <sub>R</sub> = 5V