



Absolute Maximum Ratings at Ta=25°C

Parameter	MAX.	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	V
Operating Temperature Range	-40°C to +80°C	
Storage Temperature Range	-40°C to +80°C	
Lead Soldering Temperature [4mm(.157") From Body]	260°C for 5 Seconds	

Electrical Optical Characteristics at Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I _v	2.5	3.0	---	mcd	I _f =20mA (Note 1)
Viewing Angle	2θ _{1/2}	---	---	---	Deg	(Note 2)
Peak Emission Wavelength	λ _p	655	660	665	nm	I _f =20mA
Dominant Wavelength	λ _d	535	540	545	nm	I _f =20mA (Note 3)
Spectral Line Half-Width	Δλ	19	24	29	nm	I _f =20mA
Forward Voltage	V _f	---	1.8	2.4	V	I _f =20mA
Reverse Current	I _s	---	---	100	μA	V _r =5V