

Absolute Maximum Rating @ Ta=25°C

Parameter	Maximum Rating	Unit
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	80	mA
Power Dissipation	105	mW
Continuous Forward Current	20	mA
Recommend Operating Current	12	mA
Reverse Voltage	5	V
Operating Temperature Range	-25°C to +85°C	
Storage Temperature Range	-30°C to +85°C	
Lead-Free Solder Temperature (1/16 Inch Below Seating Plane)	260°C for 3 Sec	

Electrical / Optical Characteristic @ Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition	Grade
Luminous Intensity	I _v		32907		ucd	I _F =10mA	
Dominant Wavelength	λ _d		465		nm	I _F =20mA	
Spectral Line Half-Width	△λ		26		nm	I _F =20mA	
Forward Voltage	V _F		3.2	3.5	V	I _F =20mA	
Reverse Current	I _R			100	μA	V _R =5V	
Luminous Intensity Matching Rate	I _v -m			2.0:1		I _F =20mA	