

Model. No.	R304BC
Rev.	A

## ■ Absolute maximum ratings(Ta=25 ° c)

Parameter	MAX.	Unit
Power Dissipation	90	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	25	mA
Derating Linear From 50°C	0.4	mA/°C
Reverse Voltage	5	V
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-40°C to +100°C	

## ■ Electrical and optical characteristics(Ta=25 ° c)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I <sub>v</sub>	-	800	-	mcd	I <sub>F</sub> =20mA
Viewing Angle	2θ <sub>1/2</sub>	-	30	-	Deg	
Peak Emission Wavelength	λ <sub>p</sub>	-	470	-	nm	
Dominant Wavelength	λ <sub>d</sub>	464	468	474	nm	
Spectral Line Half-Width	Δλ	-	30	-	nm	
Forward Voltage	V <sub>F</sub>	2.8	3.0	3.2	V	
Reverse Current	I <sub>R</sub>			10	μA	V <sub>R</sub> =5V