PRODUCT SPECIFICATION

Customer:	鼎兴电子
Part NO:	GS-304QRC-LMS
Specification:	3mm 红光
Prepared by:	
<u> </u>	
Approved:	
Date:	
Customer comfirmati	ion:

深圳市廣全興電子有限公司

CONCENCIN ELECTRONIC LTD,.CO

深圳市廣全興電子有限公司

2.54(.10) NIIM

Package Dimensions: Unit: 3mm ø3.85(.152) Ø3.0(.118) Ø2.94(.116) 5.32(,209) 1.0(.04) -0.6 (.024) NOTE 3-0.5(.02) 25.4(1.0)Min 0.5(.021) ANDDE

Model	Lens	Source Color
DX-3014URC	Water Clear	

1.0<.04)Min

Notes:

- All dimensions are in millimeters (inches).
 Tolerance is ±0.25mm(.010") unless otherwise noted.
 Protruded resin under flange is 1.0mm(.04") max.
- 4. Lead spacing is measured where the leads emerge from the package.
- 5. Specifications are subject to change without notice.

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Absolute Maximum Ratings at Ta=25 ℃

Parameter	MAX.	Unit	
Power Dissipation	100	mW	
Peak Forward Current (1/10 Duty Cyde, 0.1ms Pulse width)	80	mA	
DC Forward Current	20	mA	
Reverse Voltage	5	V	
Operation Temperature Range	-40°C ∼+80°C		
Storage Temperature Range	-40°C ~ +90°C		
Lead Soldering Temperature	260°C for 5 Seconds		

Electrical Optical Characteristics at Ta=25 °C

Parameter	Symbol	Min.	Тур.	Max.	Unit	Test Condition
Forward Voltage	V_{f}		2.1	2.5	V	I _f =20mA
Reverse Current	IR			10	μА	V _R =5V
Luminous Intensity	I_{v}		11000		mcd	I _f =20mA
Viewing Angle	2θ _{1/2}		12		Deg	I _f =20mA
Peak Wavelength	$\lambda_{ m P}$	620	625	630	nm	I _f =20mA
Dominant Wavelength	λ_{D}		622. 5		nm	I _f =20mA

Note :

- 1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
- 2. $\theta_{1/2}$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3. The dominant wavelength (λd) is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.