

**LC307PBG1-30Q-A3**
**Features**

Lead Free

**Applications**

 Advertising Signs  
 Indicators

**Maximum Ratings (Ta=25°C)**

Characteristic	Symbol	Max.	Unit
Forward Current	I <sub>F</sub>	25	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	100.00	mW
Operating Temperature	T <sub>opr</sub>	-40 ~ +95	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100	°C
Soldering Temperature	T <sub>sol</sub>	260	°C
Soldering Time	-	for 3 sec. max	-

**Opto-Electrical Characteristics (Ta=25°C)**

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	-	3.40	4.00	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	100	μA
Luminous Intensity	I <sub>v</sub>	I <sub>F</sub> =20mA	1100.00	2000.00	-	mcd
Viewing Angle	2θ <sup>1/2</sup>	-	-	35°	-	deg.
Peak Wavelength	λ <sub>p</sub>	I <sub>F</sub> =20mA	-	520	-	nm
Dominant Wavelength	λ <sub>d</sub>	I <sub>F</sub> =20mA	-	525	-	nm
Spectral Line Half Width	Δλ	I <sub>F</sub> =20mA	-	38	-	nm

LC307PBG1-30Q-A3 Graphs

**Company Headquarters**  
3 Northway Lane North  
Latham, New York 12110  
Toll Free: 800.984.5337  
Fax: 518.785.4725



Web: [www.marktechopto.com](http://www.marktechopto.com) | Email: [info@marktechopto.com](mailto:info@marktechopto.com)

**California Sales Office:**  
950 South Coast Drive, Suite 225  
Costa Mesa, California 92626  
Toll Free: 800.984.5337  
Fax: 714.850.9314