



# YETDA INDUSTRY LTD.

## 3mm Super Bright Red LED Lamps Q300LCR4G

- 3mm with AlGaInP Dice ◦
- Encapsulated with Water Clear Package ◦
- Long Leads ◦

### Absolute Maximum Ratings : ( Ta=25°C )

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-50°C to +100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

### Electro-Optical Characteristics ( Ta = 25°C )

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	I <sub>F</sub> = 20mA	V <sub>f</sub>		2.00	2.40	V
Reverse Current	V <sub>R</sub> = 5V	I <sub>R</sub>			10	uA
Luminous Intensity	I <sub>F</sub> = 20mA	I <sub>v</sub>	500	700		mcd
Spectral Bandwidth	I <sub>F</sub> = 20mA	Δλ		18		nm
Wavelength	I <sub>F</sub> = 20mA	λ <sub>p</sub>				nm
		λ <sub>d</sub>		640		nm
Viewing Angle	I <sub>F</sub> = 20mA	2 θ <sub>1/2</sub>		30		deg

### Package

Item: 300

