



YETDA INDUSTRY LTD.

Q300HCG1G
3mm Super Bright Green LED Lamps

3mm with AlGaInP Green Dice ◦

Encapsulated with Green Diffused Color 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 _F = 20mA	V _F		2.20	2.40	V
Reverse Current	V _R = 5V	I _R			10	uA
Luminous Intensity	I _F = 20mA	I _v	80	100		mcd
Spectral Bandwidth	I _F = 20mA	Δλ		30		nm
Wavelength	I _F = 20mA	λ _p				nm
		λ _d		570		nm
Viewing Angle	I _F = 20mA	2 θ _{1/2}		80		deg

Package

Item: 300

