



YETDA INDUSTRY LTD.

**5 x 5mm Yellow LED Lamps
Q906HCY1D**

- 5 x 5 mm with AlGaInP dice ◦
- Encapsulated with Yellow Diffused package ◦
- Long Leads ◦

Absolute Maximum Ratings :

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		2.0	2.40	V
Reverse Current	V _R = 5V	I _R			10	uA
Luminous Intensity	I _F = 20mA	I _v	90	150		mcd
Spectral Bandwidth	I _F = 20mA	Δλ		35		nm
Wavelength	I _F = 20mA	λ _P		592		nm
	I _F = 20mA	λ _D		590		nm
Viewing Angle	I _F = 20mA	2 θ _{1/2}		120		deg

Item: (5X5mm) 906

