



YETDA INDUSTRY LTD.

5mm Red LED Lamps With Wide Angle Q500LCH4DF

- 5mm with AlGaInP dice ◦
- Encapsulated with water clear package ◦
- Long Leads ◦
- Wide angle

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	If = 20mA	Vf		2.00	2.40	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv		3000	4000	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		18		nm
Wavelength	If = 20mA	λ_p				nm
		λ_d		625		nm
Half View Angle	If = 20mA	2 $\theta_{1/2}$		60		deg

Package

Item: 500

