



YETDA INDUSTRY LTD.

4.1x5.0mm Oval Red LED Lamps with Stopper Q504ICH1D+

4.1x 5.0mm Oval with AlGaInP Super bright Dice ◦

Encapsulated with Red Diffused Color 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	If = 20mA	Vf		2.20	2.40	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	2200	3050	4200	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		30		nm
Wavelength	If = 20mA	λ_p				nm
		λ_d	619	625	630	nm
Viewing Angle	If = 20mA	2 θ 1/2		110/40		deg

Package

Item: 504(5mm oval)

