



YETDA INDUSTRY LTD.

3mm Infrared LED Lamps I300KOC4G

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

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-20°C to +75°C	
Storage Temperature Range	-40°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		1.40		V
Reverse Current	Vr = 5V	Ir			10	uA
Radiated Output Power	If = 10mA	Iv	5			M.W.
Spectral Bandwidth	If = 5mA	$\Delta\lambda$		50		nm
Wavelength	If = 20mA	λ_p		940		nm
Half View Angle	If = 20mA	2 $\theta_{1/2}$		30		deg
Capacitance	If = 20mA	C+		25		PF

Package

Item: 300

