



# YETDA INDUSTRY LTD.

## 5 x 5mm Red LED Lamps 906SK1D

5 x 5 mm with AlGaAs/GaAs dice ◦

Encapsulated with Red 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 <sub>F</sub> = 20mA	V <sub>F</sub>		1.8	2.20	V
Reverse Current	V <sub>R</sub> = 5V	I <sub>R</sub>			10	uA
Luminous Intensity	I <sub>F</sub> = 20mA	I <sub>v</sub>	20	25		mcd
Spectral Bandwidth	I <sub>F</sub> = 20mA	Δλ		35		nm
Wavelength	I <sub>F</sub> = 20mA	λ <sub>P</sub>				nm
	I <sub>F</sub> = 20mA	λ <sub>D</sub>		660		nm
Viewing Angle	I <sub>F</sub> = 20mA	2 θ <sub>1/2</sub>		120		deg

Item: (5X5mm) 906

