



YETDA INDUSTRY LTD.

3mm Red LED Lamps with Holder YD-302GRDN-2HD

* 3mm Red and Green Dice.

* Encapsulated with Color Diffused Package with holder.

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	80	mA
Continuous Forward Current	25	mA
Operating Temperature Range	- 25°C to + 70°C	
Storage Temperature Range	- 40°C to + 80°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

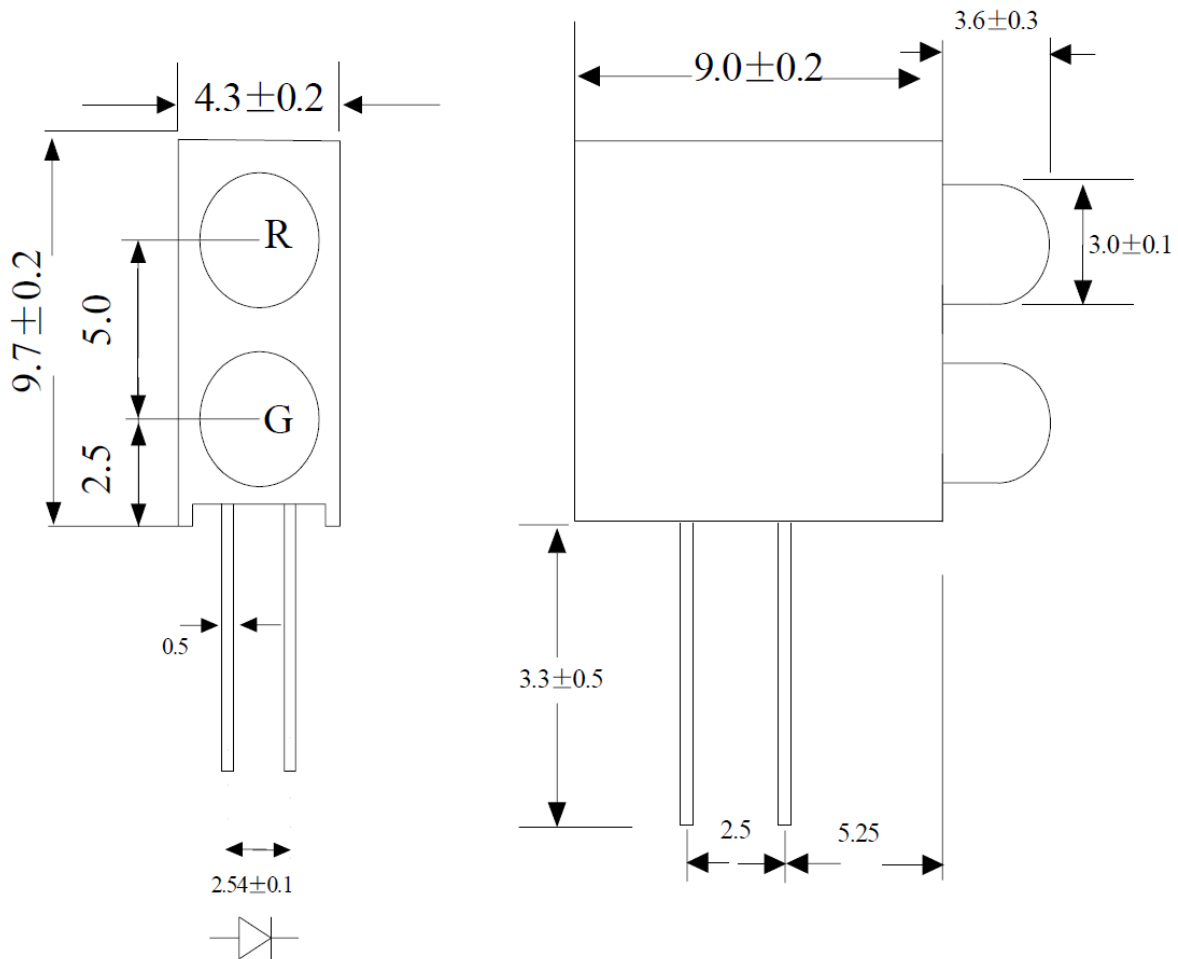
Electro-Optical Characteristics (Ta = 25°C)

Parameter	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	IF = 20mA	VF	1.9		2.5	V
Wavelength	IF = 20mA	R λp		664		nm
		G λp		577		
Reverse Current	VR = 5V	IR		2.5	5	uA
Luminous Intensity	IF = 20mA	R Iv		90		mcd
		G Iv		30		
Wavelength	IF = 20mA	R λD		638		nm
		G λD		573		
Viewing Angle	IF = 20mA	θ 1/2		40		deg



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Package :



NOTES:

- ◆ All dimensions are millimeters(inches)
- ◆ Tolerance is $\pm 0.25\text{mm}(.010\text{'})$ unless otherwise noted
- ◆ Protruded resin under flange is $1.0\text{mm}(.04\text{'})$ max
- ◆ Lead spacing measured where the leads emerge from the package
- ◆ Specifications are subject to change without notice



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•Soldering:

1. Manual of soldering

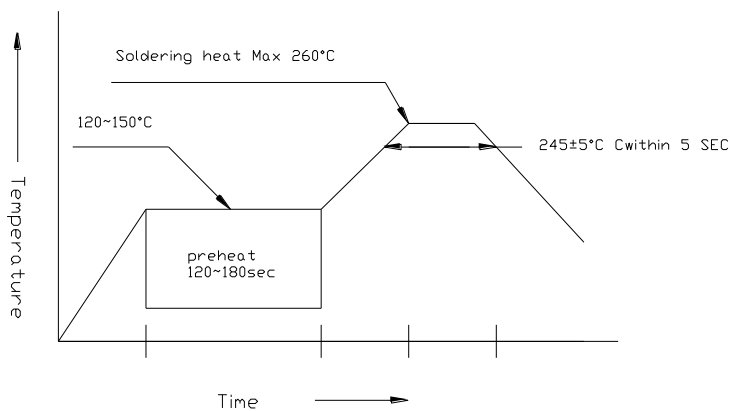
The temperature of the iron tip should not be higher than 260°C and

Soldering within 3 seconds per solder-land is to be observed

2. DIP soldering (Wave Soldering):

Preheating: 120°C ~ 150°C within 5 sec. 260°C (Max)

Gradual Cooling (Avoid quenching)



•Handling:

Care must be taken not to cause to the epoxy resin portion of Yetda LEDS while it is exposed to high temperature.

Care must be taken not rub the epoxy resin portion of Yetda LEDS with hard or sharp article such as the sand blast and the metal hook