电性参数

Ta=25 Absolute Maximum Rating(ta=25)

Parameter	Symbol	Rating		Unit
Consumed power	Pd	R	50	mW
		G	70	
		B	70	
Peak Forward current	IFP	R	80	mA
		G	80	
		B	80	
Forward working current	IF	R	20	mA
		G	20	
		B	20	
Reverse voltage	VR	R	5	V
		G	5	
		B	5	
Antistatic ability	ESD	2000		V
Operating ambient temperature	Topr	-40 ~ +85		
Storage ambient temperature	Tstg	-40 ~ +85		
Welding conditions	Tsol	reflow soldering 260℃ 6s manual welding 300℃ 3s		

Part No.:XL-1615RGBC-YG

焊接指导（1）

Guideline for Solder

1. 使用烙铁人手焊接

Hand Soldering

30W

300 3

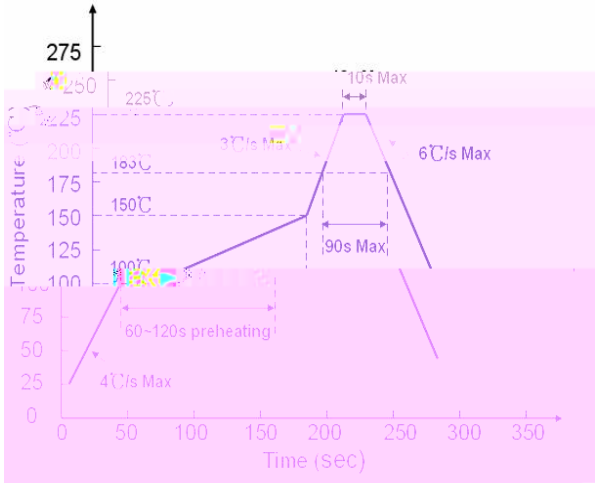
LED

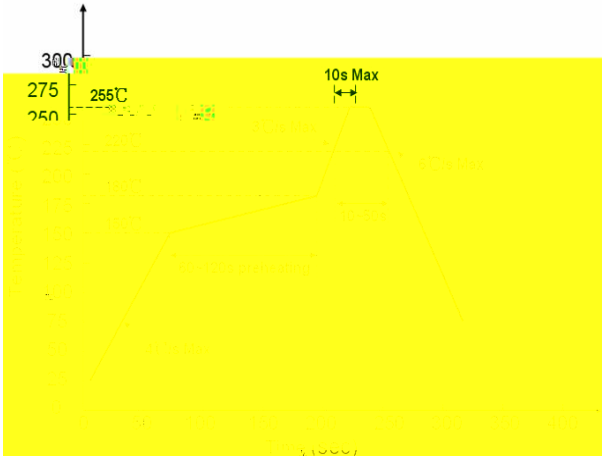
Manual welding is recommended only for repair and heavy industry situations. A soldering iron of less than 30W is recommended to be used in Hand Soldering. Please keep the temperature of the soldering iron under 300 while soldering. Each terminal of the LED is to go for less than 3 second and for one time only.

Be careful because the damage of the product is often started at the time of the hand soldering.

2. 回流焊接

Reflow Soldering: Use the conditions shown in the under Figure of Pb -Free Reflow Soldering.





Lead process lead free

Reflow soldering should not be done more than two times.

LED

Stress on the LEDs should be avoided during heating in soldering process.

After soldering, do not deal with the product before its temperature drop down to room temperature.

240 ± 5 /6S

The recommended maximum welding temperature for the product

使用注意事项（3）

Precautions (3)

4. **其他事项：**

Others

When handling the product, [illegible]