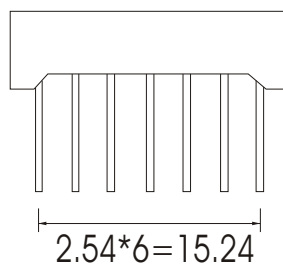
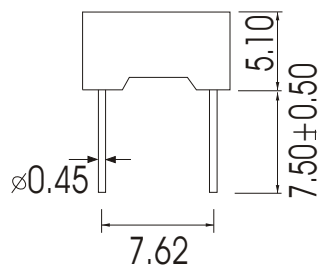
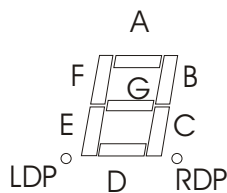


Features

-
- Technical drawing of a rectangular component with a central slot. The overall width is 9.90 and the overall height is 18.80. The central slot has a width of 4.80 and a height of 7.62 (3 inches). The slot is offset from the top and bottom edges by 0.80. The top edge of the slot is chamfered with a 10-degree angle. A label 'PIN1' points to a small circle on the left side of the component.



Notes: 1. All dimensions are in millimeter (inches), tolerance is 0.25mm unless otherwise noted.
2. Specifications are subject to change without notice.

Code:UR Ultra Ultra Bright Red (AlGaAs/GaAs)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage (Per dice)	Vf	If=20mA	1.84		2.2	V
Reverse Voltage (Per dice)	Vr	Ir=10uA		5		V
Luminous Intensty (Per dice)	Iv	If=20mA		85		mcd
Spectrum With Of Half Value	△λ	If=20mA		22		nm
Wavelength	Dλ	If=20mA		622		nm
Peak Forward Current (Per dice) 1/10 Duty Cycle,0.1ms Pulse	Ifp	70				mA
Operating Temperature Range	Topr	- 35 ℃ to 85 ℃				
Storage Temperature Range	Tstg	- 35 ℃ to 85 ℃				
Solder Temperature 1.5mm below seating plane for 3 Seconds at 260 ℃						

Absolute Maximum Rating at Ta=25°C

Fig.1

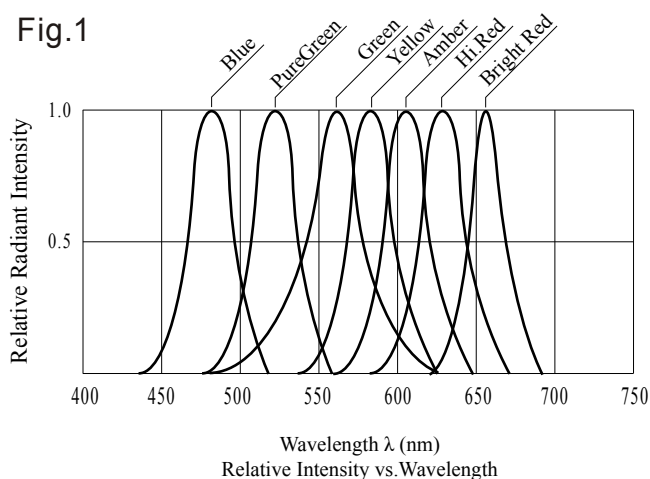


Fig.2

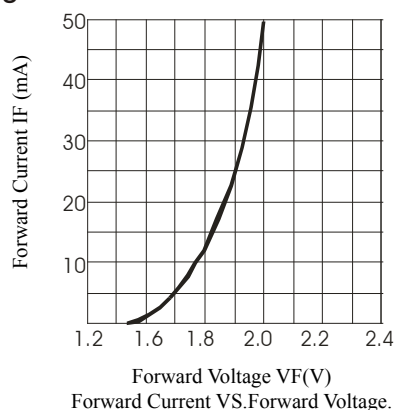


Fig.3

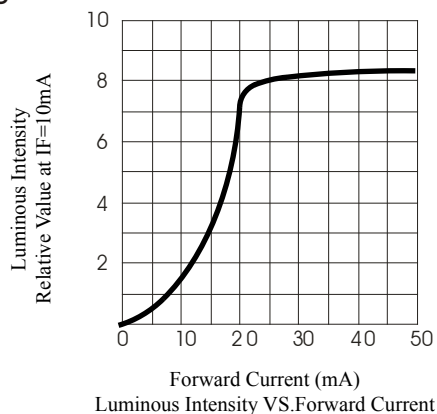
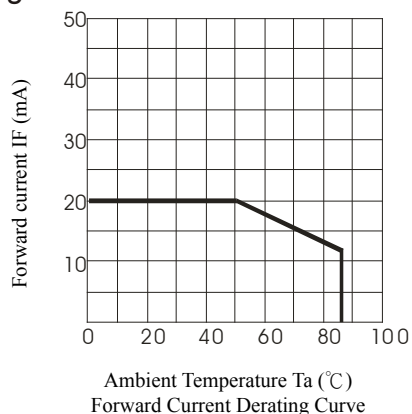
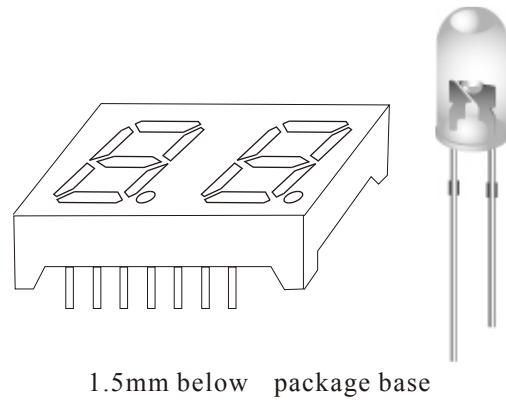
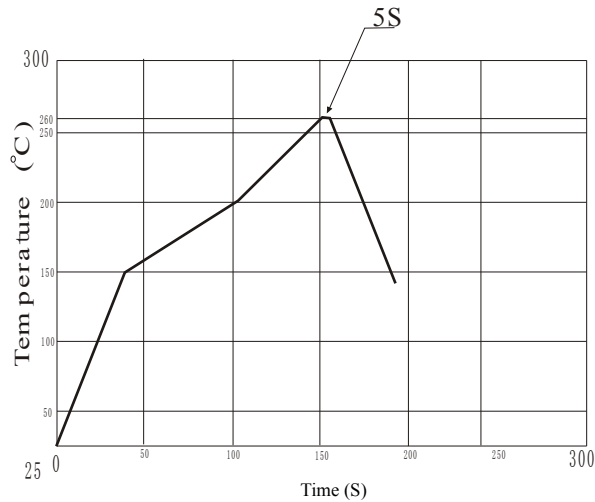


Fig.4

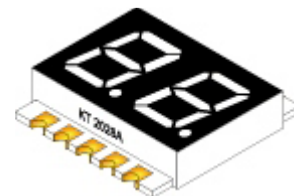
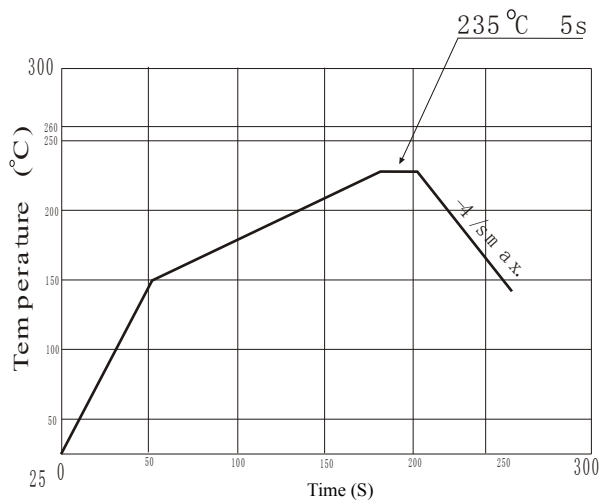


Wave Soldering for Lead-Free Through-hole LED



Solder Temperature	260°C for 5 Seconds
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Lead-free SMT process



Lead solder Temperature	235°C for 5 Seconds
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Notes: Recommend the wave temperature max. 235 °C.

Do not apply stress on the epoxy when temperature over 80 °C.

No more than once.