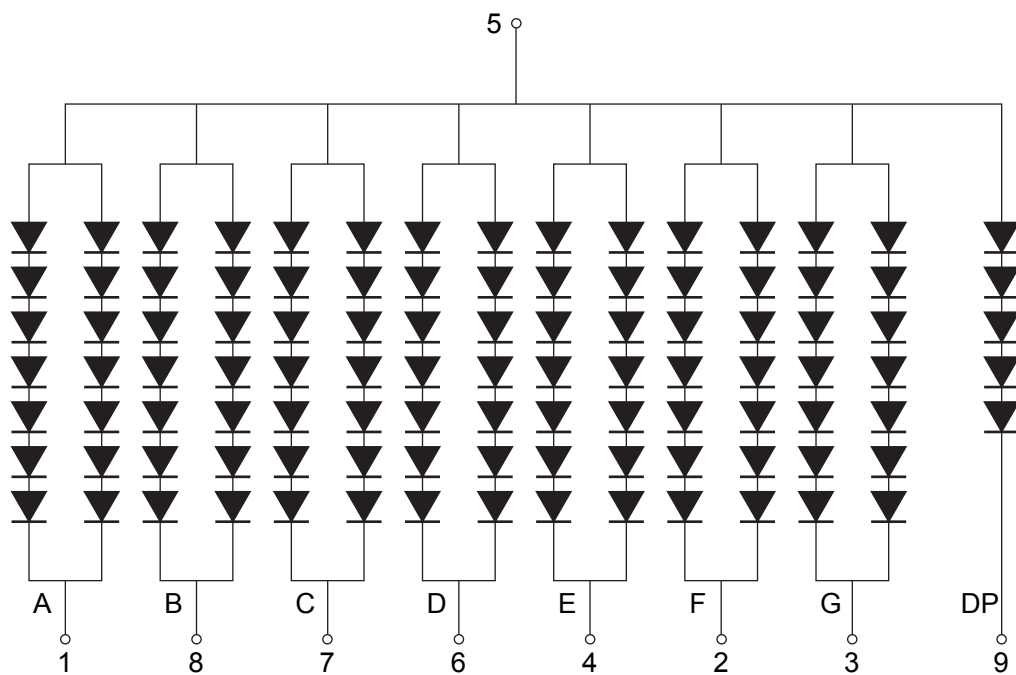
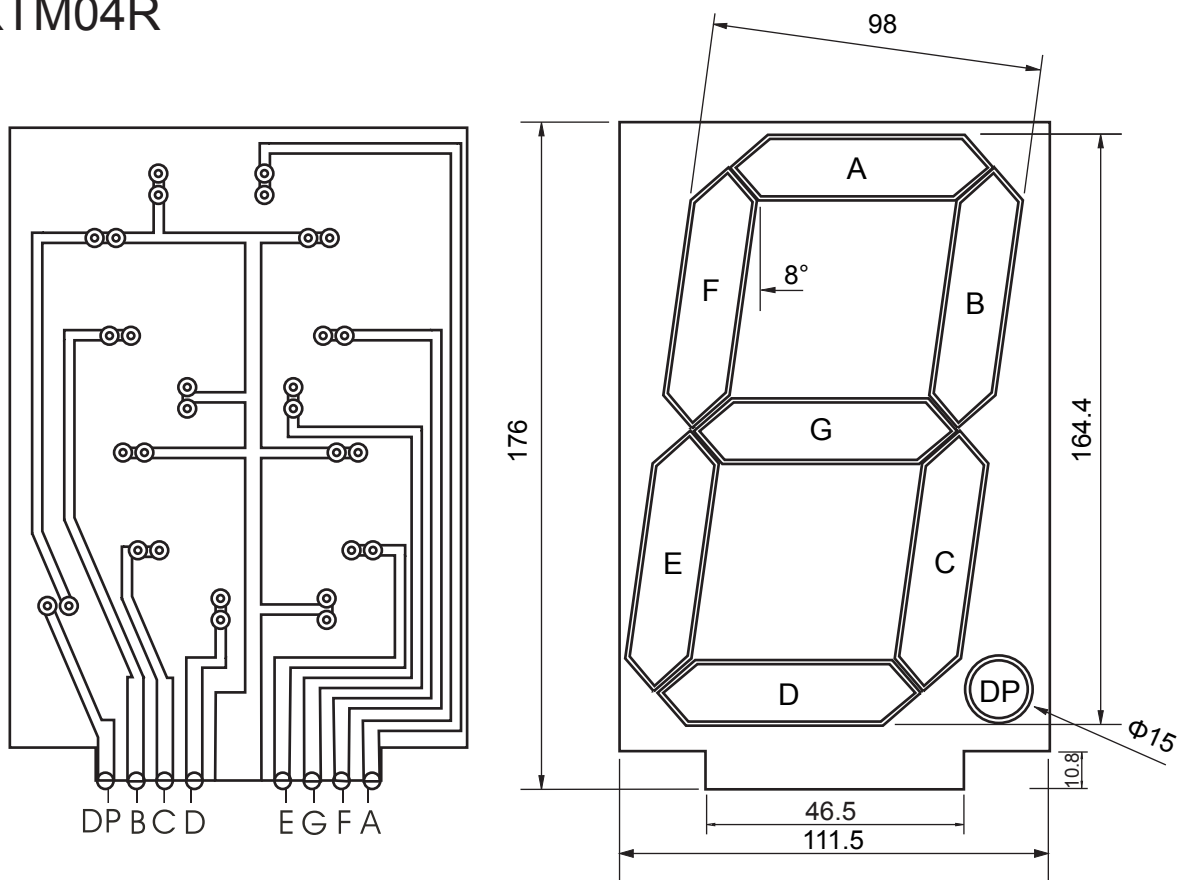
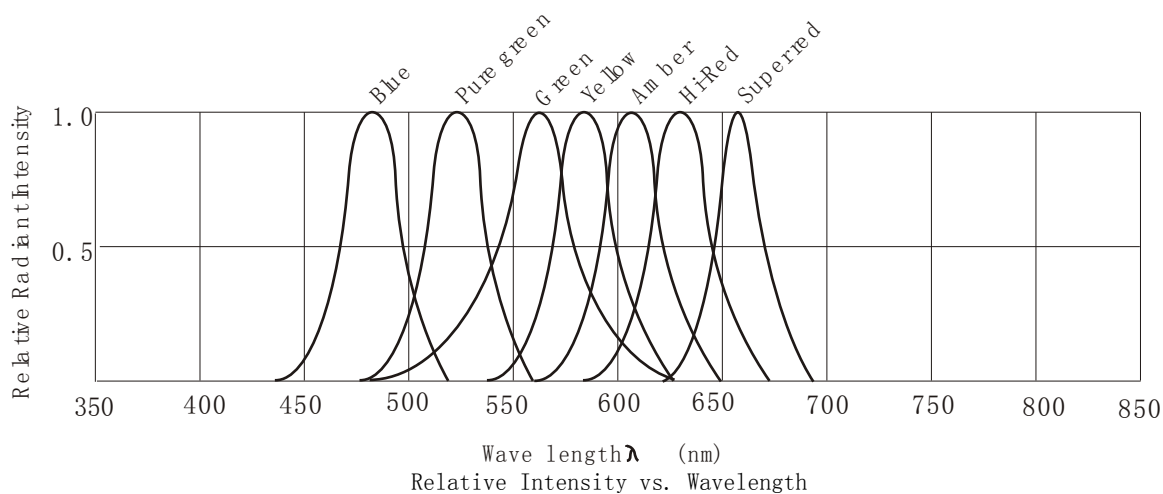


KTM04R





SEGMENT

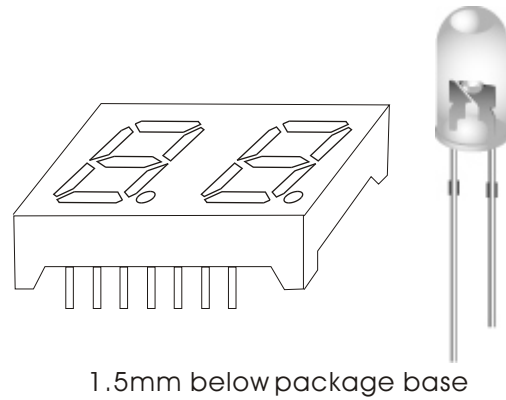
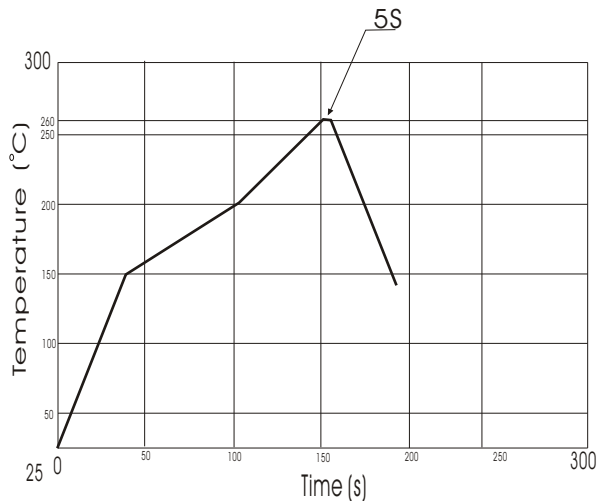
Parameter	Symbol	Condition	Min.	Typ .	Max.	Unit
Forward Voltage	Vf	If=40mA	13.5		14.5	V
Reverse Voltage	Vr	Ir=10uA	5.0			V
Luminous Intensty	Iv	If=40mA	0.88			cd
Spectrum With Of Half Value	$\Delta\lambda$	If=40mA	22			nm
Wavelength	D λ	If=40mA	623	625	628	nm
Operating Temperature Range		-35℃ to 85℃				
Storage Temperature Range		-35℃ to 85℃				
Solder Temperature 1.5mm below seating plane for 3 Seconds at 260℃						

DOT

Parameter	Symbol	Condition	Min.	Typ .	Max.	Unit
Forward Voltage	Vf	If=20mA	9.5		10.5	V
Reverse Voltage	Vr	Ir=10uA	5.0			V
Luminous Intensty	Iv	If=20 mA	0.88			cd
Spectrum With Of Half Value	$\Delta\lambda$	If=20 mA	22			nm
Wavelength	D λ	If=20 mA	623	625	628	nm
Operating Temperature Range		-35 C to 85°C				
Storage Temperature Range		-35°C to 85°C				
Solder Temperature 1.5mm below seating plane for 3 Seconds at 260°C						

Absolute Maximum Rating at Ta=25°C

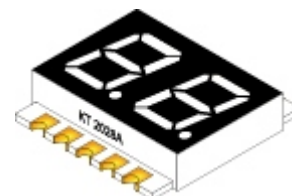
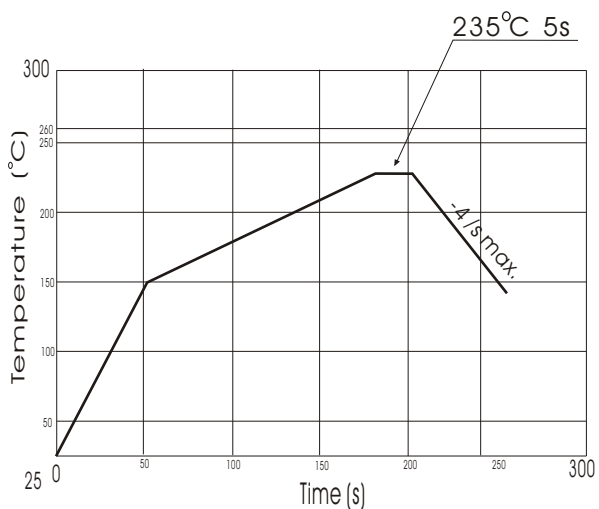
Wave Soldering for Lead-Free Through-hole LED



Solder Temperature

260°C for 3 Seconds

Lead-free SMT process



Lead solder Temperature

235°C for 5 Seconds

Notes: Recommend the wave temperature max. 235°C.
Do not apply stress on the epoxy when temperature over 80°C.
No more than once.