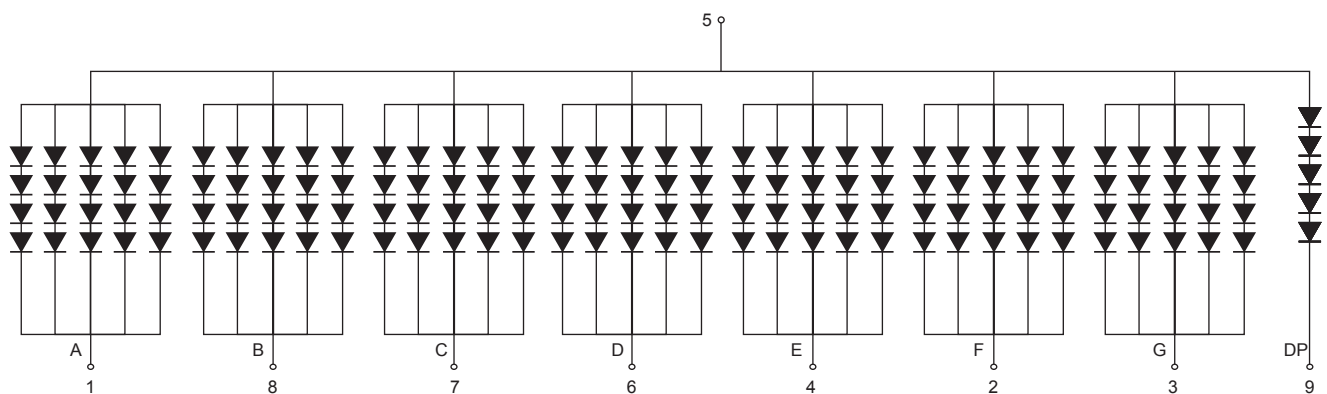
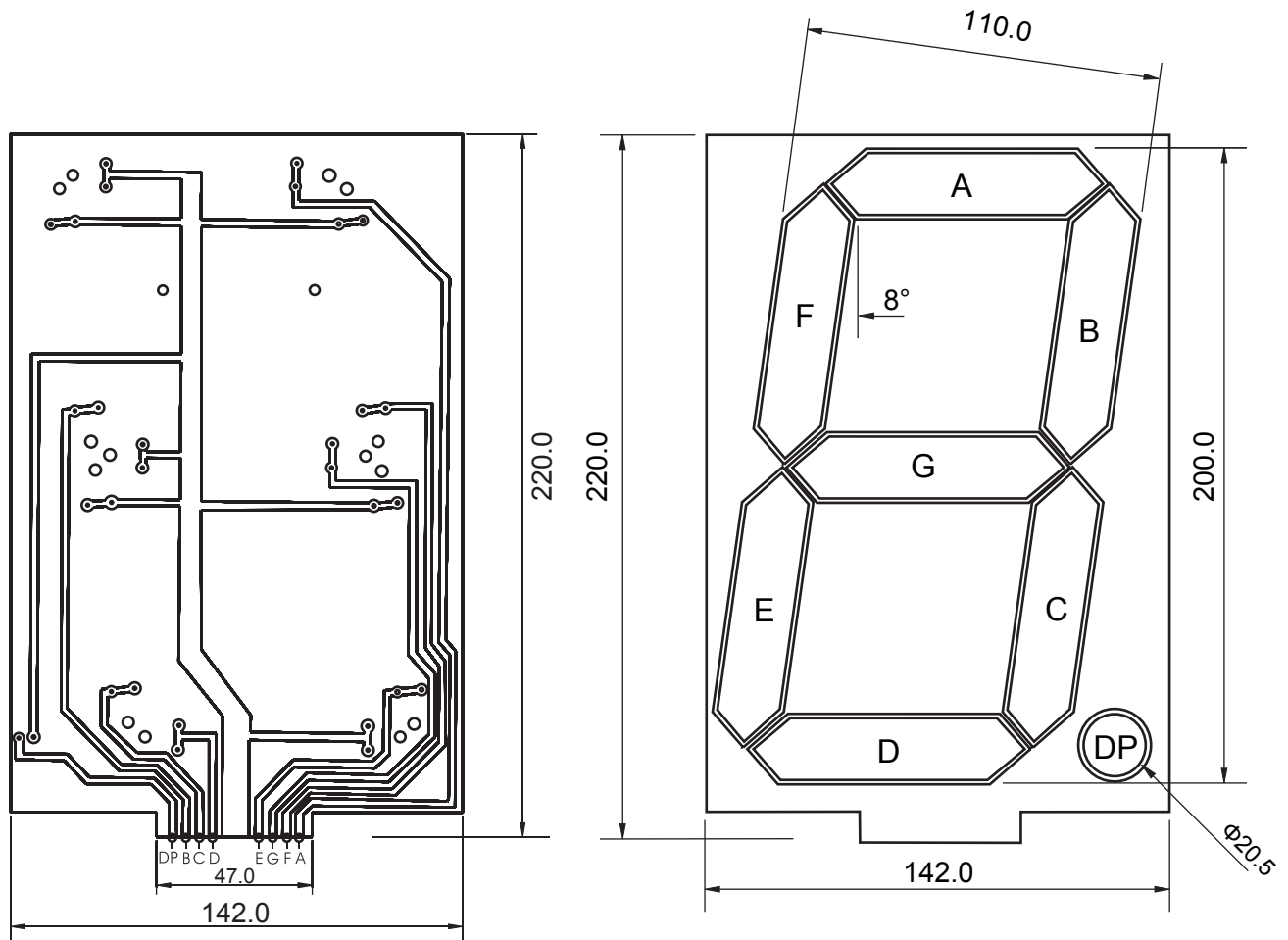
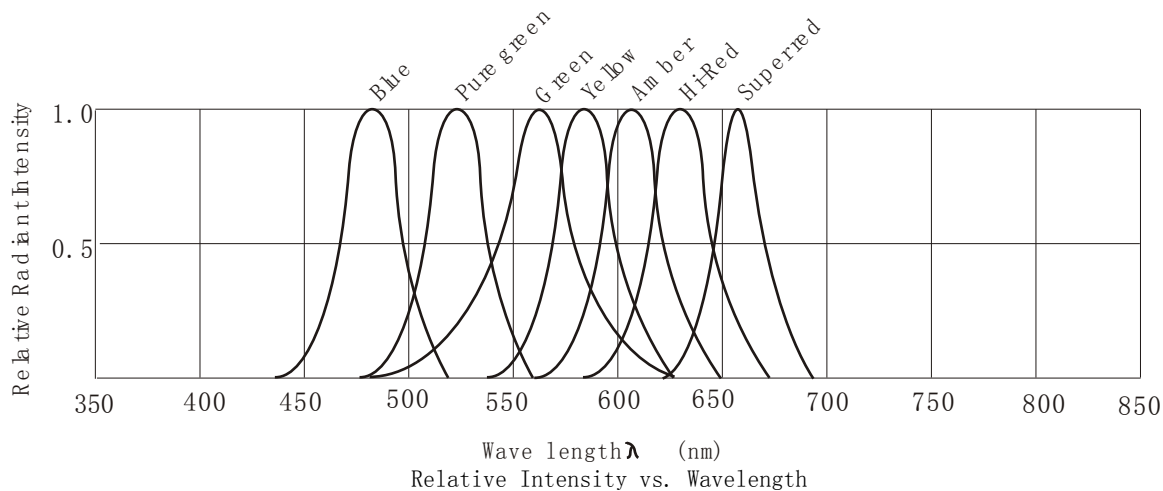


## KTM06W





### SEGMENT

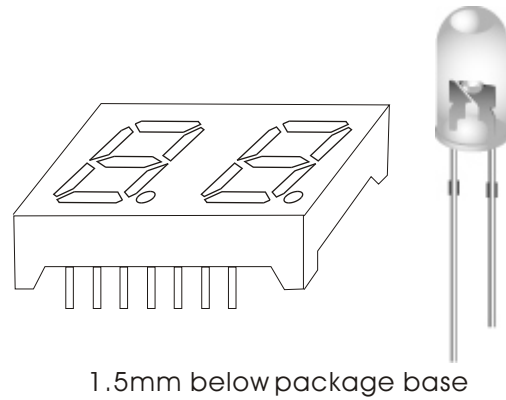
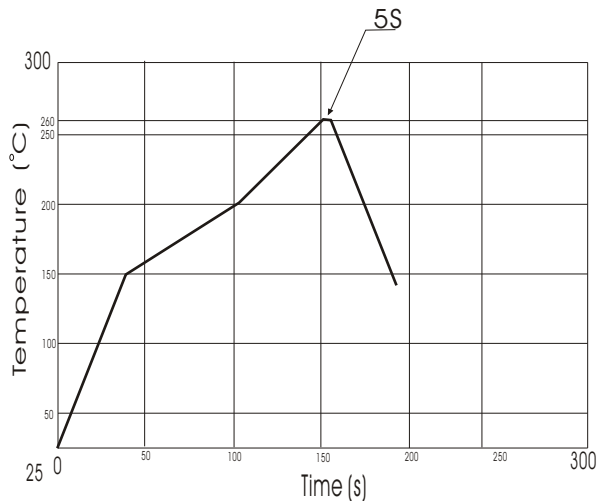
| Parameter                                                          | Symbol          | Condition   | Min.  | Typ . | Max. | Unit |
|--------------------------------------------------------------------|-----------------|-------------|-------|-------|------|------|
| Forward Voltage                                                    | Vf              | If=100 mA   | 11.5  |       | 12.5 | V    |
| Reverse Voltage                                                    | Vr              | Ir=10uA     | 5.0   |       |      | V    |
| Luminous Intensty                                                  | Iv              | If=100 mA   | 12.25 |       |      | cd   |
| Spectrum With Of Half Value                                        | $\Delta\lambda$ | If=100 mA   | 22    |       |      | nm   |
| Wavelength                                                         | D $\lambda$     | If=100 mA   |       |       |      | 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       | 14.5  |       | 15.5 | V    |
| Reverse Voltage                                                     | Vr              | Ir=10uA       | 5.0   |       |      | V    |
| Luminous Intensty                                                   | Iv              | If=20 mA      | 12.25 |       |      | cd   |
| Spectrum With Of Half Value                                         | $\Delta\lambda$ | If=20 mA      | 22    |       |      | nm   |
| Wavelength                                                          | D $\lambda$     | If=20 mA      |       |       |      | 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

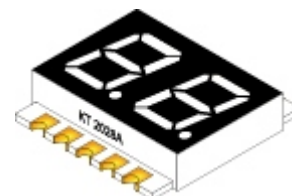
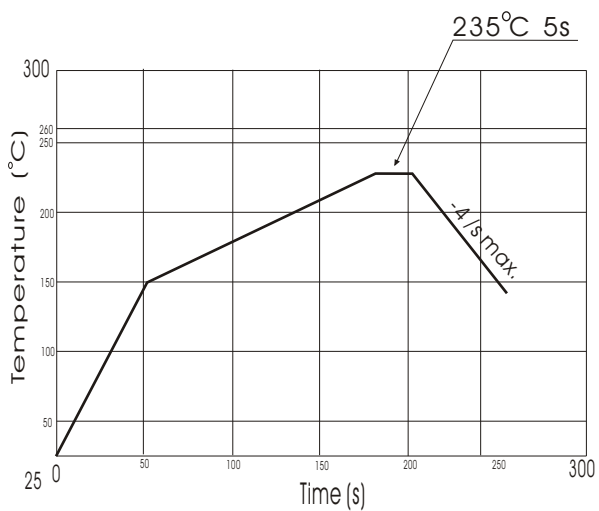
### Wave Soldering for Lead-Free Through-hole LED



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.