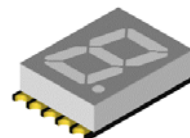


## 0.39" Single SMD Display C. A

### VD 351AG

#### Main Features:

- Surface mount technology
- Package in tape & reel
- Low power consumption
- High efficiency chips material
- Excellent character appearance
- Long life solid state reliability



#### Applications

- Industry computer
- Instruments panels
- Counter equipment
- Power meter



#### Electronic Optical Characteristics (at 20mA):

| Part Number | Emitted Color                                                                             | $\lambda$ (nm) |             | Surface Color | Iv(mcd) |      | VF(V) |      |
|-------------|-------------------------------------------------------------------------------------------|----------------|-------------|---------------|---------|------|-------|------|
|             |                                                                                           | $\lambda_d$    | $\lambda_p$ |               | Min.    | Typ. | Typ.  | Max. |
| VD 351AG    | Green  | 573            | 575         | Gray          | 15      | 30   | 2.0   | 2.4  |

#### Absolute Maximum Ratings (at Ta=25°C)

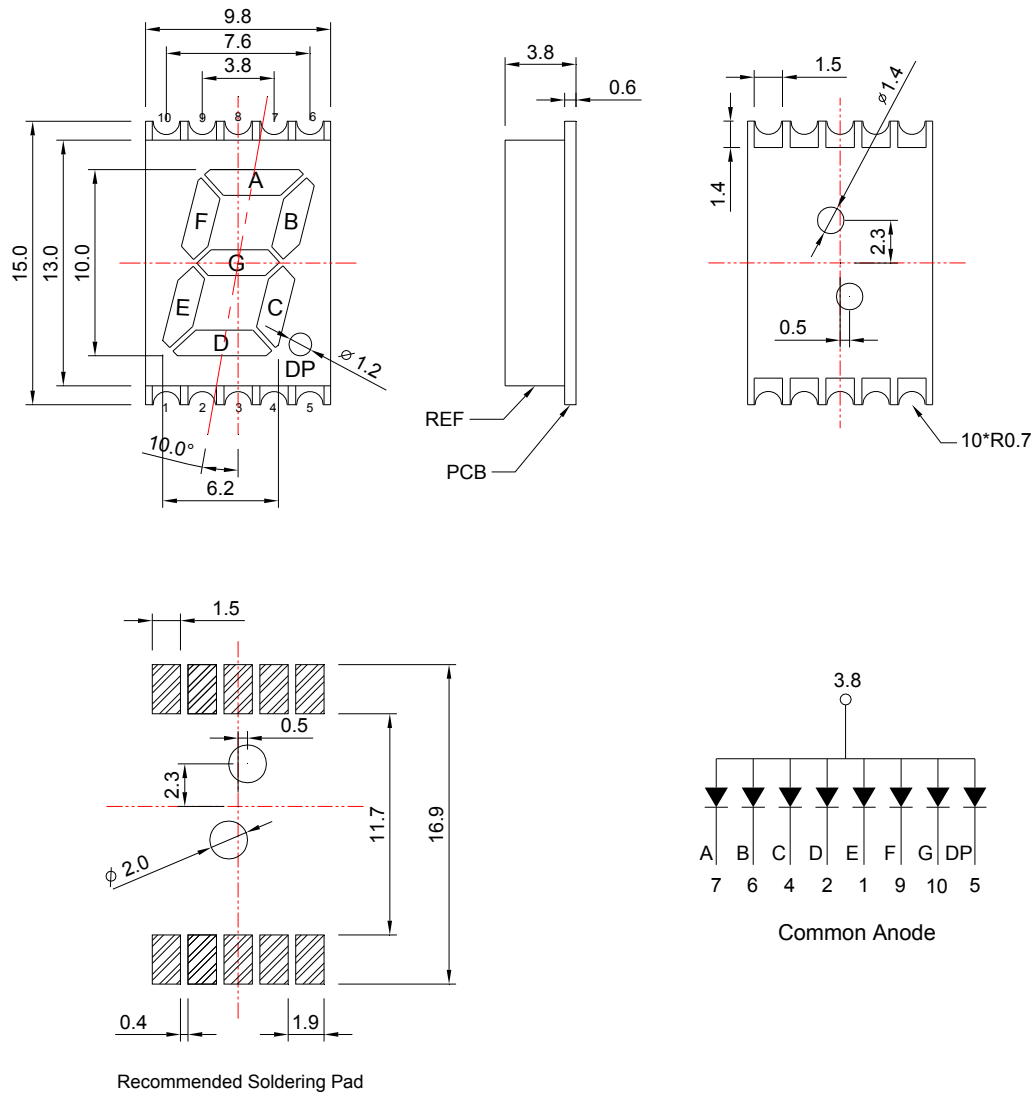
| P <sub>D</sub> (mW) | I <sub>FP</sub> (mA) | I <sub>F</sub> (mA) | T <sub>sol</sub> (°C) | I <sub>R</sub> (uA)@V <sub>R</sub> =5V | T <sub>opr</sub> (°C) | T <sub>stg</sub> (°C) |
|---------------------|----------------------|---------------------|-----------------------|----------------------------------------|-----------------------|-----------------------|
| 60                  | 100*                 | 25                  | 260 ± 5 for 5 sec.    | 10                                     | -40~+85               | -40~+100              |

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specify ratings in this table will result degradation of LED life-span and may cause LED to fail.

\* I<sub>FP</sub>: Peak Forward Current under 1/10 duty, 1KHz condition

## Package Dimension:

unit: mm

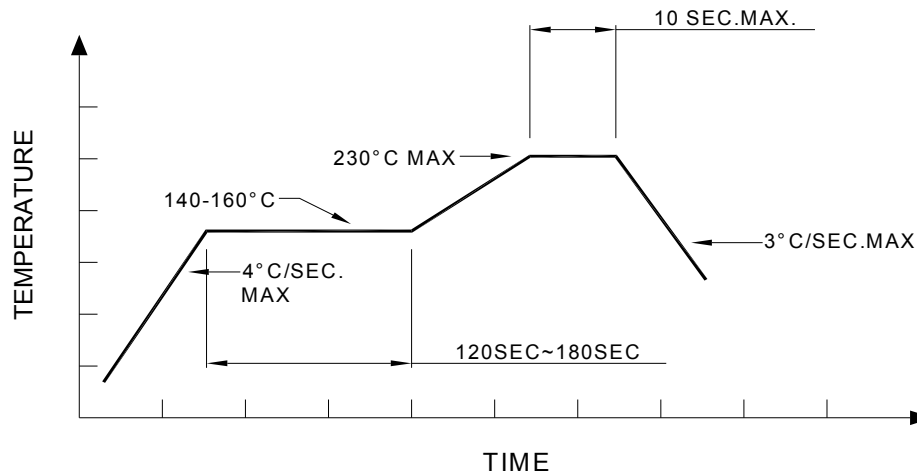


## Notes:

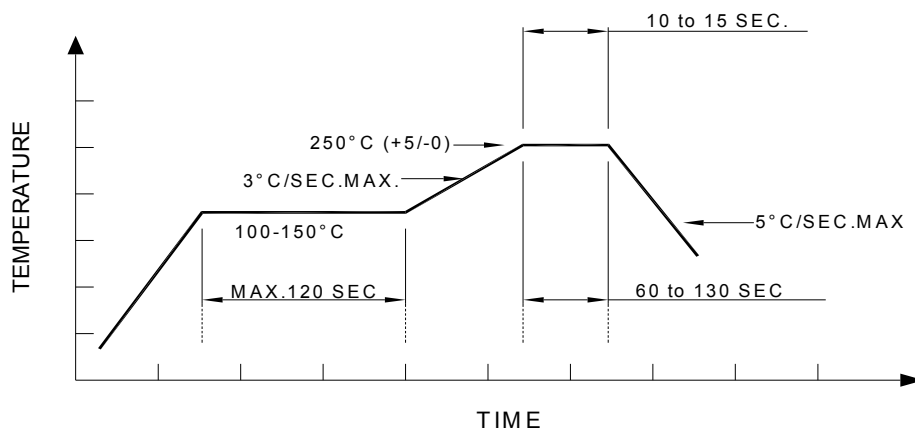
1. All dimensions are millimeters.
2. Dimensional tolerance is  $\pm 0.2\text{mm}$  unless otherwise specified.
3. Specifications are subject to change without notice.



### Recommended re-flow soldering profile:



### Recommended Pb-free re-flow soldering profile:



### Note:

All the specifications listed in this data sheet are suitable for general electronic equipment, office equipment and communication devices. Kindly consult Sales Representatives for specific reliabilities request, Forward Voltage, Luminous Intensity, Wavelength, Radiant Power or Viewing Angle.