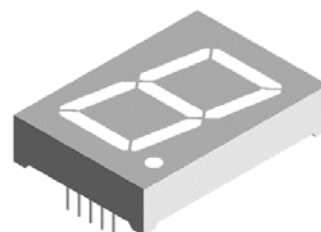


## 1.2" Single Digit Display C.A.

### VP U51AG

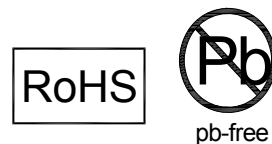
#### Main Features:

- Low Power Consumption
- High Efficiency Chips Material
- Excellent Character Appearance
- Long Life Solid State Reliability
- Common Anode configuration
- Gray color surface reflector with white diffuse segments



#### Applications

- Industry equipment
- Instruments panels
- Counter equipment



#### Electronic Optical Characteristics (@ 10mA):

| Part Number | Emitted Color                                                                             | $\lambda$ (nm) |             | Surface Color | mcd ( Per segment) |      | VF   |      |
|-------------|-------------------------------------------------------------------------------------------|----------------|-------------|---------------|--------------------|------|------|------|
|             |                                                                                           | $\lambda_d$    | $\lambda_p$ |               | Min.               | Typ. | Typ. | Max. |
| VP U51AG    | Green  | 573            | 575         | Gray          | 5.6                | 18.0 | 2.0  | 2.4  |

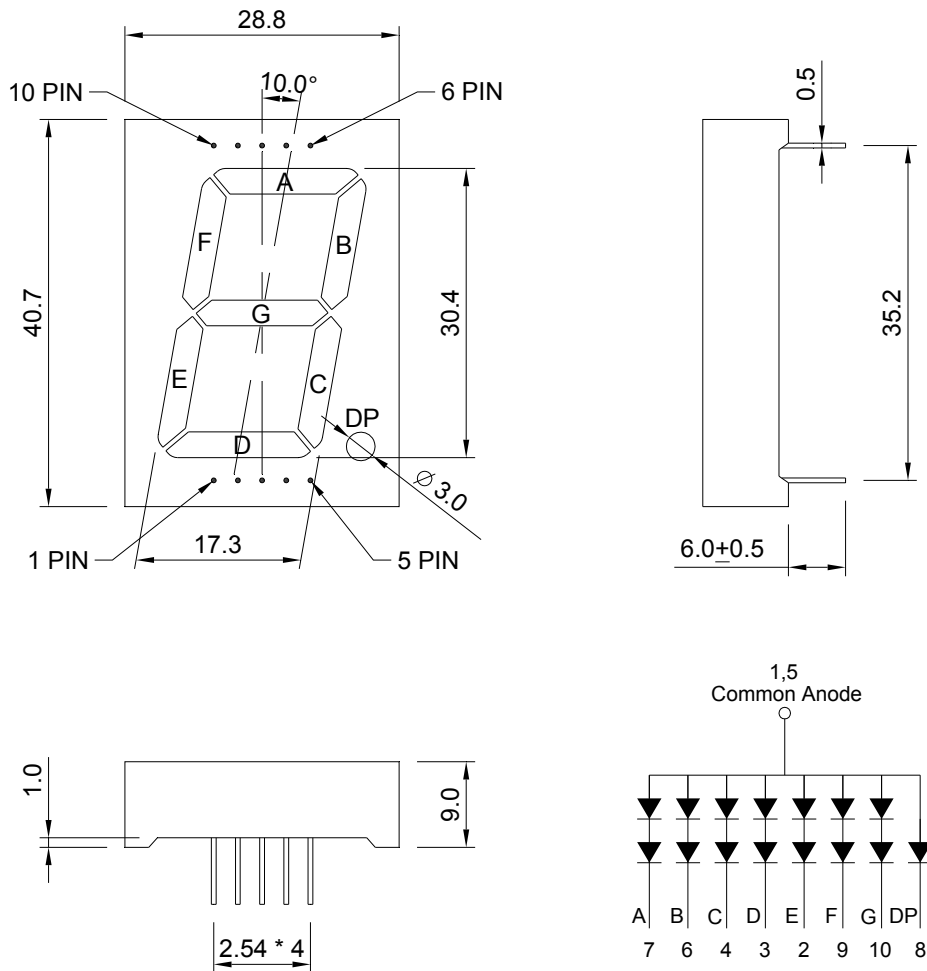
#### Absolute Maximum Ratings (@ Ta=25°C)

| Emitted Color | P <sub>D</sub> (mW) | ESD(V) | I <sub>F</sub> (mA) | T <sub>sol</sub> (°C) | I <sub>R</sub> (uA)@V <sub>R</sub> =5V | Topr(°C) | Tstg(°C) |
|---------------|---------------------|--------|---------------------|-----------------------|----------------------------------------|----------|----------|
| Green         | 60                  | 2000   | 25                  | 260±5                 | 10                                     | -40~+85  | -40~+100 |

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

## 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.

## Optical Characteristics Curves

