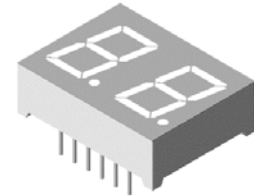


0.50" Dual Digit Display C.C.

VP 852CG-1

Main Features:

- Low power consumption
- High efficiency chips material
- Excellent character appearance
- Long life solid state reliability
- Common cathode configuration
- Gray color surface reflector with white diffuse segments




Applications

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



Electronic Optical Characteristics (at 10mA):

| Part Number | Emitted Color | λ (nm) | | Surface Color | Iv(mcd) | | VF(V) | |
|-------------|---|----------------|-------------|---------------|---------|------|-------|------|
| | | λd | λp | | Min. | Typ. | Typ. | Max. |
| VP 852CG-1 | Green  | 573 | 575 | Gray | 4.5 | 9.0 | 2.0 | 2.4 |

Absolute Maximum Ratings (at Ta=25°C)

| P _D (mW) | I _{FP} (mA) | I _F (mA) | T _{sol} (°C) | I _R (uA)@V _R =5V | T _{opr} (°C) | T _{stg} (°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 specified ratings in this table will result degradation of LED life-span and may cause LED to fail.

* I_{FP}: Peak Forward Current under 1/10 duty, 1KHz condition

