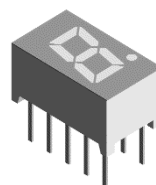


0.30" Single Digit Display C.C.

VP C51CG

Main Features:

- Low power consumption
- High efficiency chips material
- Excellent character appearance
- Long life solid state reliability
- Common cathode configuration
- Gray color surface reflector 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	I_v (mcd)		V_F (V)	
		λ_d	λ_p		Min.	Typ.	Typ.	Max.
VP C51CG	Green 	573	575	Gray	5	10	2.0	2.4

Absolute Maximum Ratings (at $T_a=25^\circ\text{C}$)

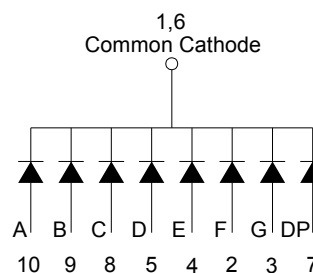
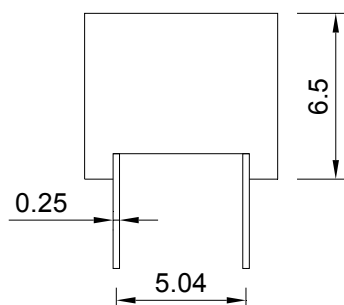
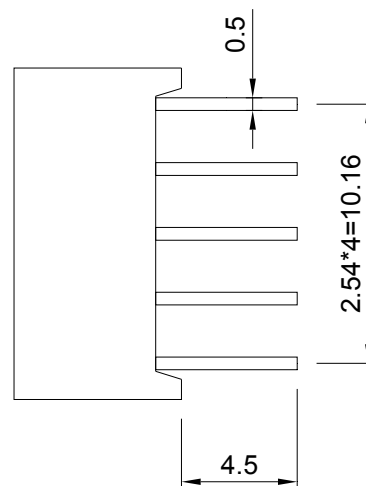
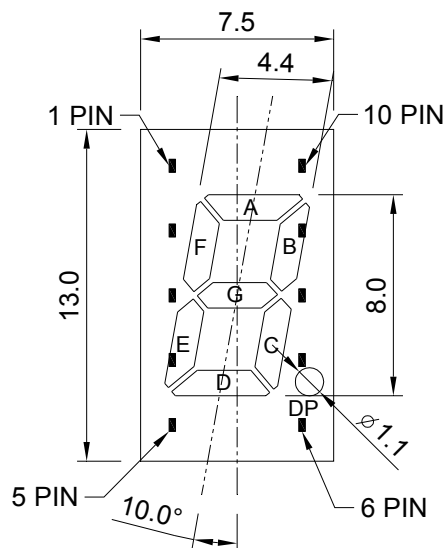
P_D (mW)	I_{FP} (mA)	I_F (mA)	T_{sol} ($^\circ\text{C}$)	I_R (μA)@ $V_R=5V$	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
60	100*	25	260 ± 5 for 5 sec.	10	-40~+85	-40~+100

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

Package Dimension:

unit: mm



Internal Circuit Diagram

Notes:

1. All dimensions are millimeters.
2. Dimensional tolerance is +/- 0.2mm unless otherwise specified.
3. Specifications are subject to change without notice.