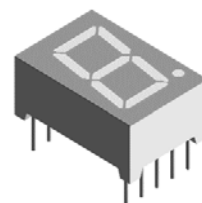


0.56" Single Digit Display C.A.

VP D51AG

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
- 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 D51AG	Green 	573	575	Gray	3.6	7.1	2.0	2.4

Absolute Maximum Ratings (at Ta=25°C)

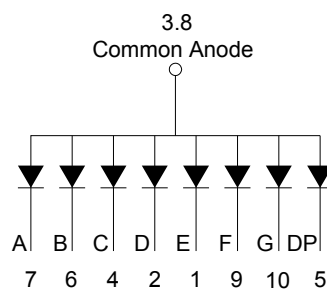
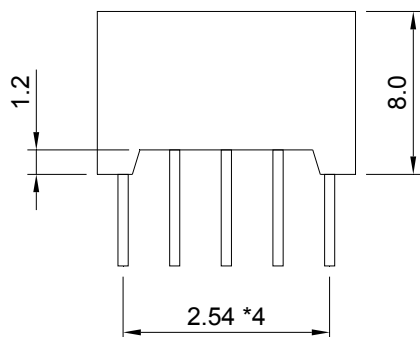
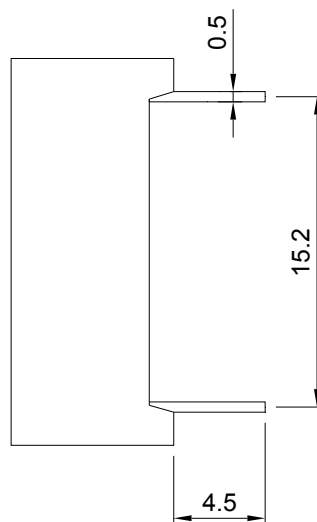
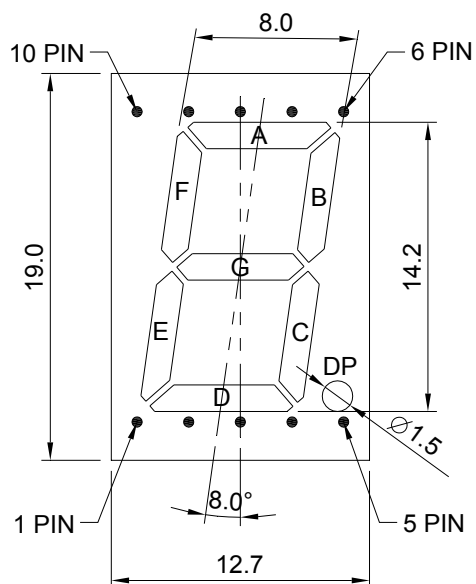
P_D (mW)	I_{FP} (mA)	I_F (mA)	T_{sol} (°C)	I_R (μ A)@ $V_R=5V$	T_{opr} (°C)	T_{stg} (°C)
60	100*	25	260 $\pm$ 5 for 5 sec.	10	-40~+85	-40~+100

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_{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.