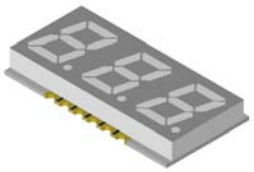
0.39” Triple Digit SMD Display C.C.

VD 353CG

Main Features:

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



Applications

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

RoHS

Pb
pb-free

Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	λ (nm)		Surface Color	mcd (per segment)		V_F(V)	
		λ d	λ p		Min.	Typ.	Typ.	Max.
VD 353CG	Green	573	575	Gray	6.0	15	2.0	2.4

Absolute Maximum Ratings (at Ta=25℃)

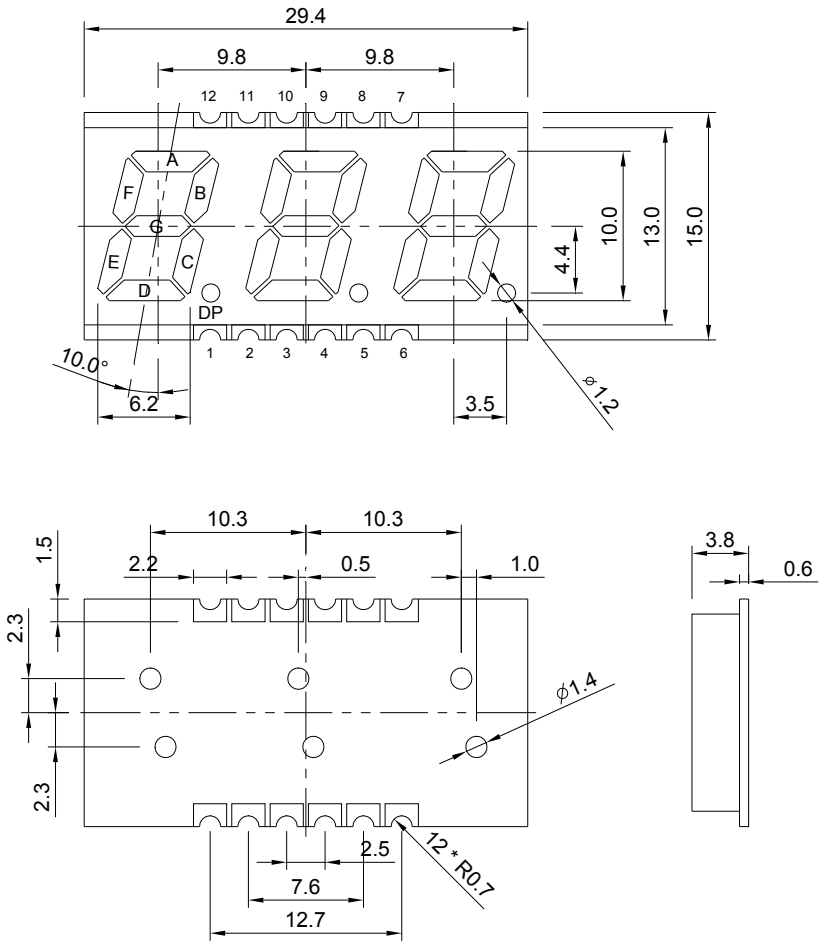
P_D(mW)	I_{FP}(mA)	I_F(mA)	Iron Solder(℃)	I_R(uA)@$V_{R=}$5V	Topr(℃)	Tstg(℃)
60	60*	25	350 ± 5 for 3 sec.	10	-40~+85	-40~+85

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

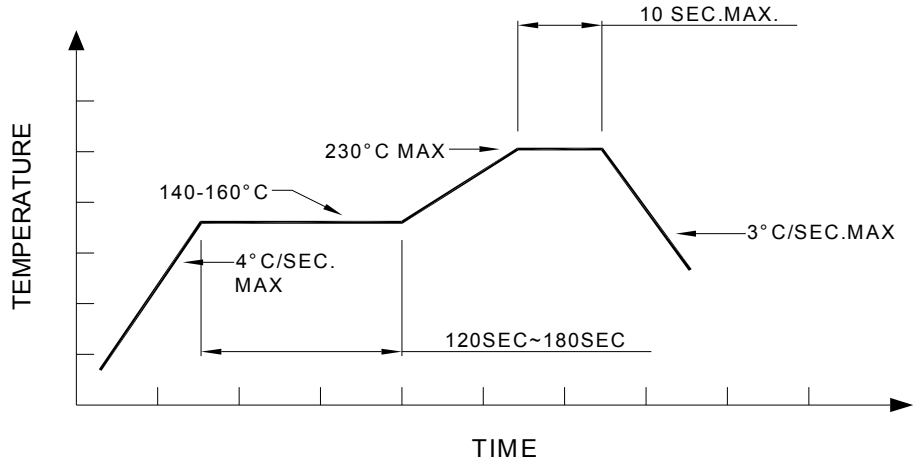


Internal Circuit Diagram

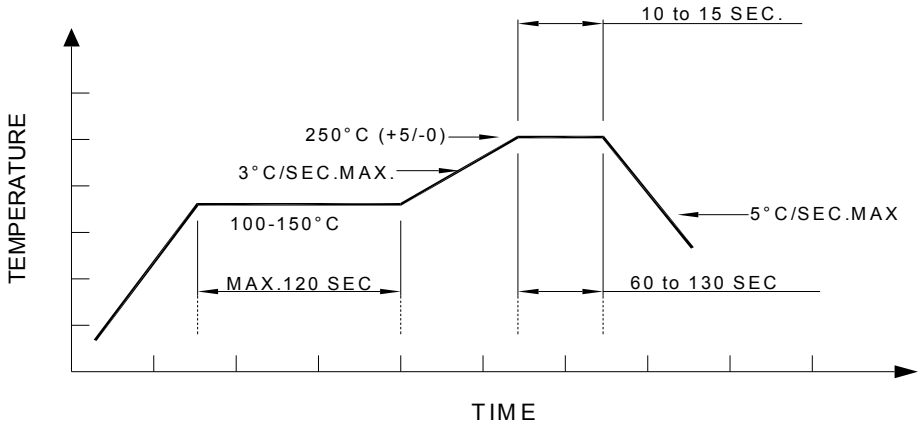
Notes:

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

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.