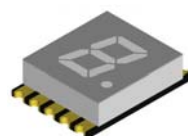


0.2" Single Digit SMD Display C.C

VD 221CG

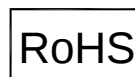
Main Features:

- Surface mount technology
- Package in tape & reel
- Low power consumption
- High efficiency chips material
- Excellent character appearance
- Long life solid state reliability



Applications

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



Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	λ (nm)		Surface Color	Iv(mcd)		VF(V)	
		λ_d	λ_p		Min.	Typ.	Typ.	Max.
VD 221CG	Blue 	470	468	Gray	15	30	3.3	3.8

Absolute Maximum Ratings (at Ta=25°C)

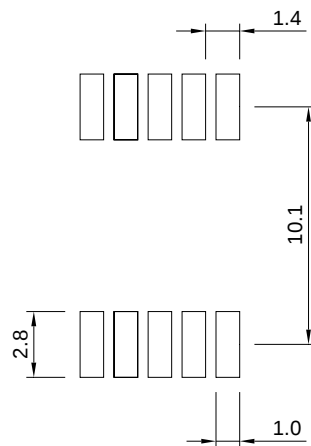
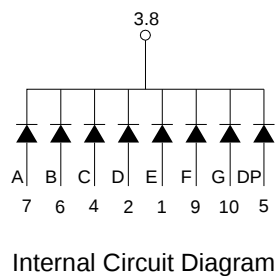
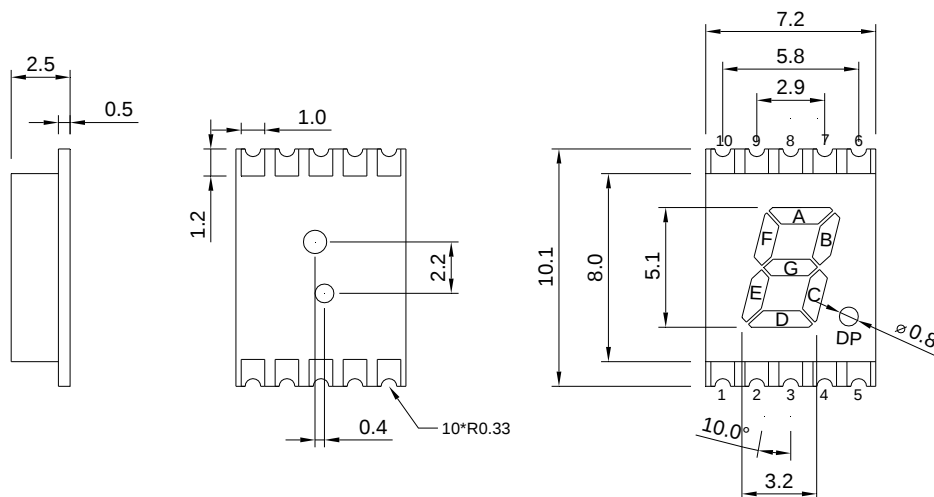
P _D (mW)	I _{FP} (mA)	I _F (mA)	Iron Sol.(°C)	I _R (uA)@V _R =5V	Topr(°C)	Tstg(°C)
90	100*	25	350±5 for 3 sec	50	-40~+85	-40+100

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



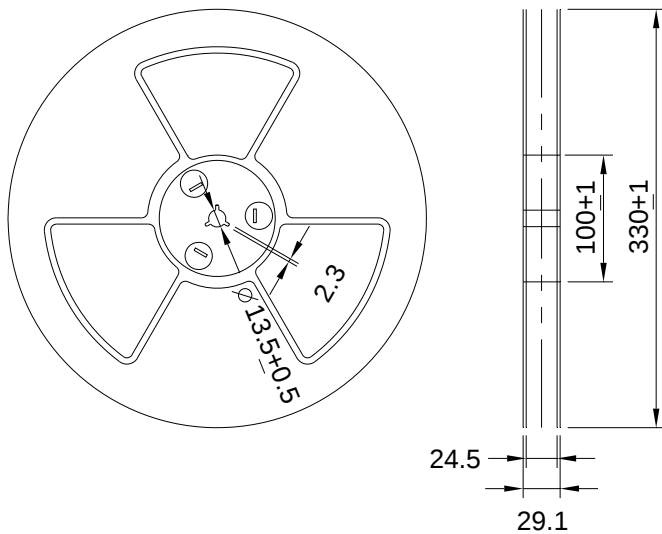
Recommended Soldering Pad

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.

Reel Dimension:

unit : mm

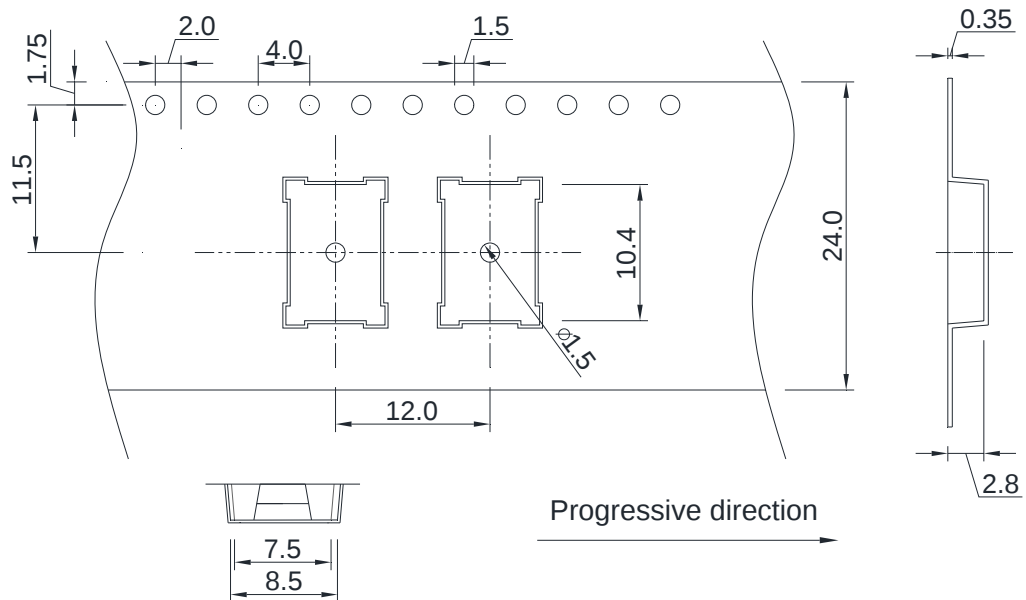


Note:

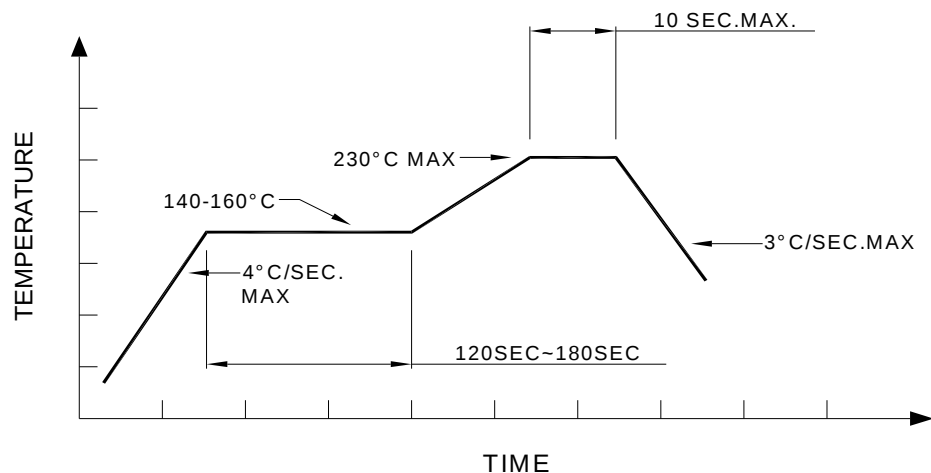
1000 pieces for one reel

Tape Dimension:

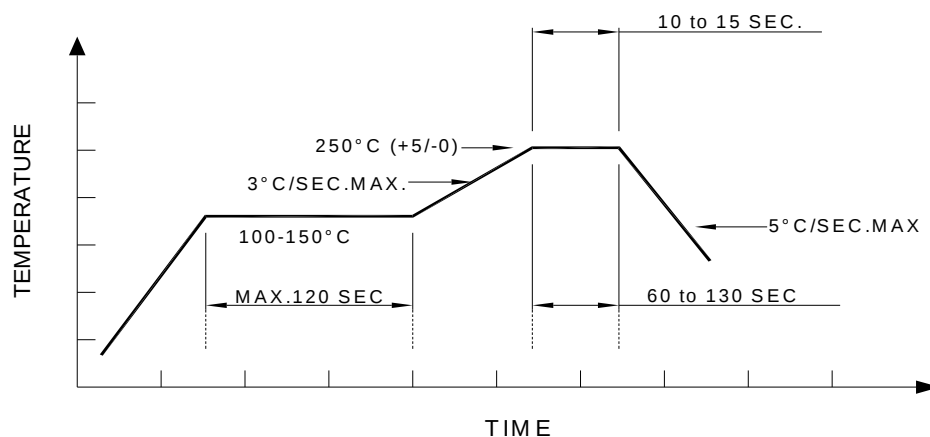
unit:mm



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.