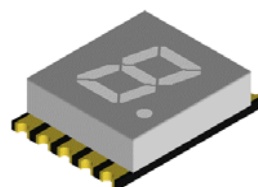


0.2" Single Digit SMT Green Display C.C

VD 231CG

Main Features:

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



Applications

- Industry computer
- Instruments panels
- Counter equipment



Electronic Optical Characteristics (@ 10mA):

Part Number	Emitted Color	λ (nm)		Surface Color	Iv(mcd)		VF(V)	
		λ_d	λ_p		Min.	Typ.	Typ.	Max.
VD 231CG	True green 	525	518	Gray	22.4	71	3.1	4.3

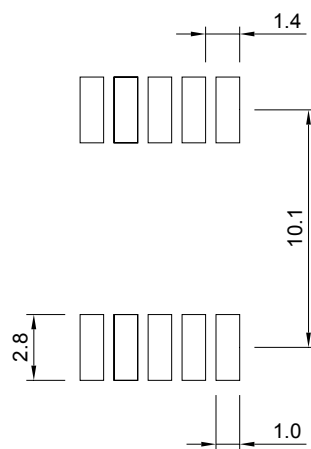
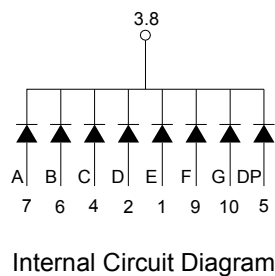
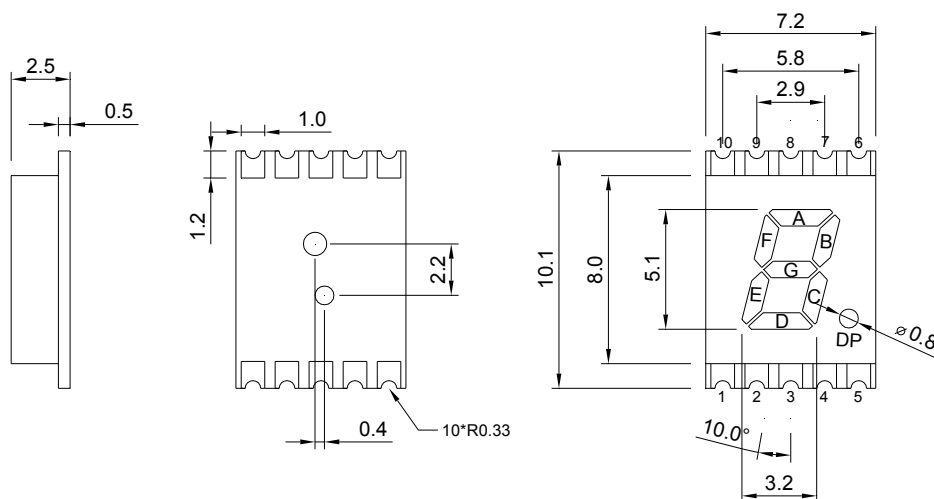
Absolute Maximum Ratings (@ Ta=25°C)

Emitted Color	P _D (mW)	I _F (mA)	ESD(V)	I _R (uA) @VR=5V	Topr (°C)	Tstg (°C)
True green(525nm)	110	25	2000	50	-40~+85	-40~+90

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.

Package Dimension:

unit: mm

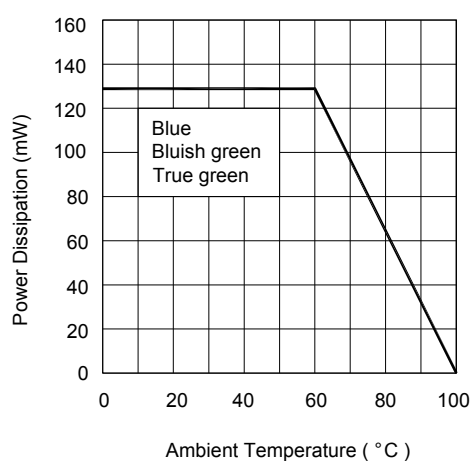
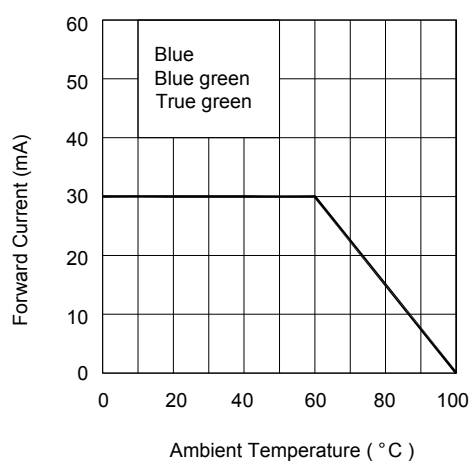
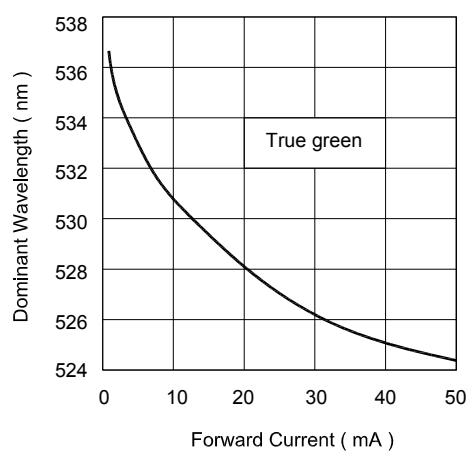
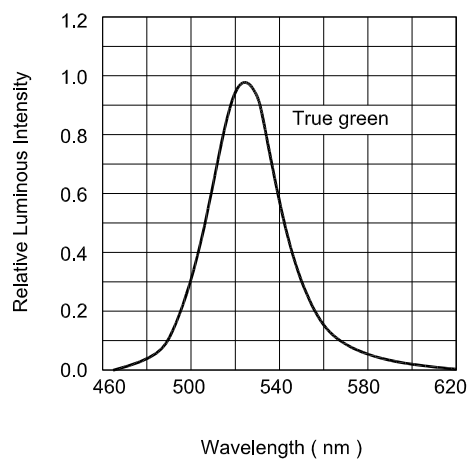
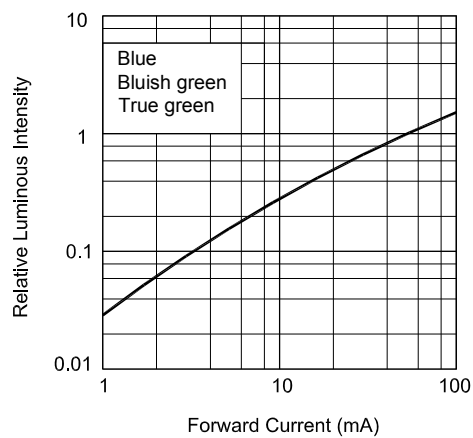
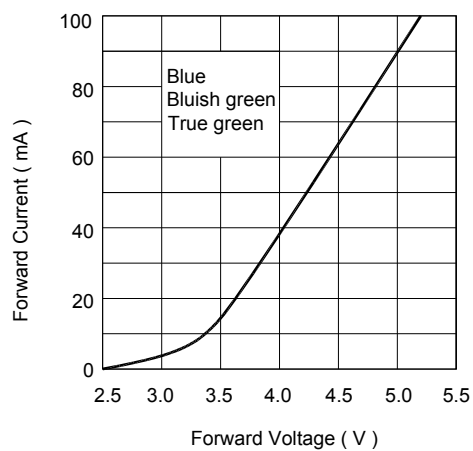


Recommended Soldering Pad

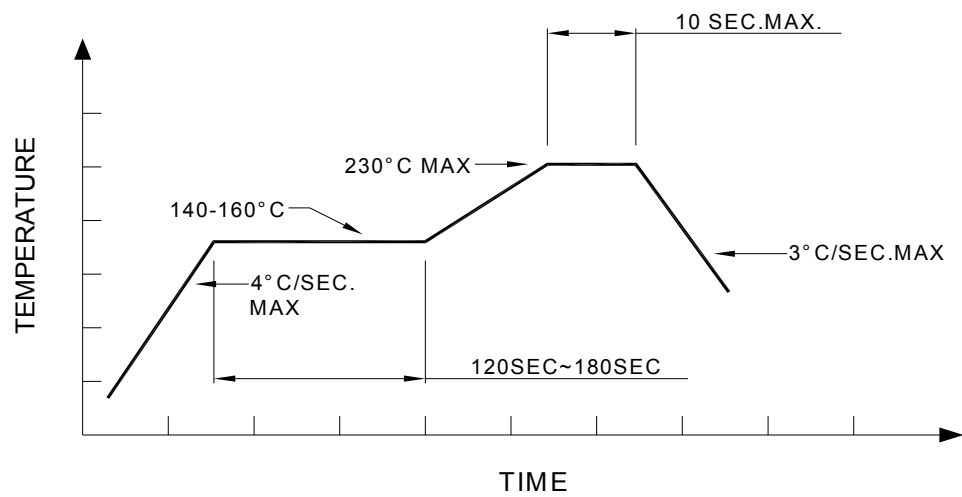
Notes:

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

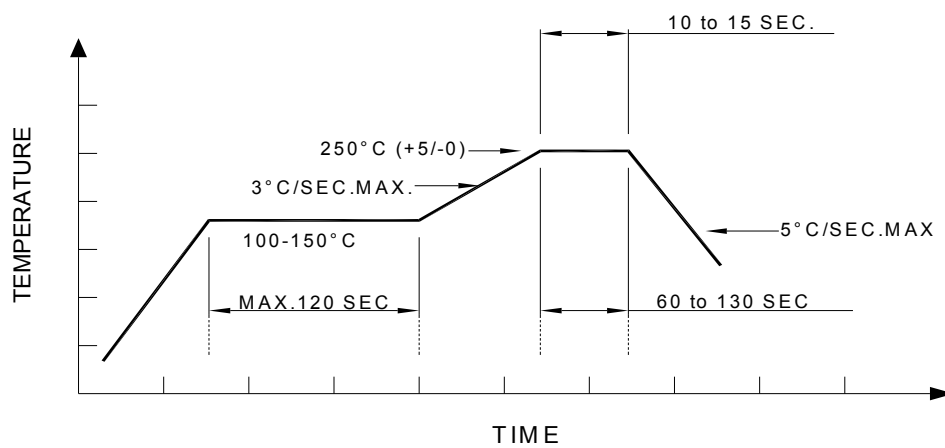
Optical Characteristics Curves



Recommended re-flow soldering profile:

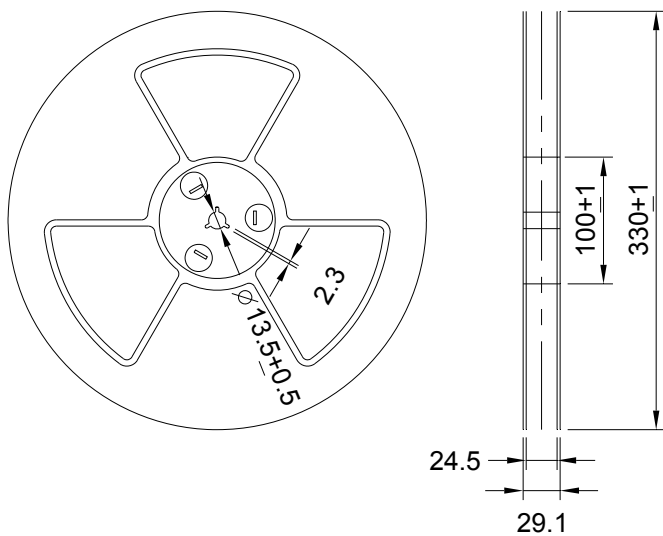


Recommended Pb-free re-flow soldering profile:



Reel Dimension:

unit : mm



Note:

1500 pieces for one reel

Tape Dimension:

unit:mm

