### 14.22mm(0.56INCH) FOUR DIGIT NUMERIC DISPLAY

Part Number: CA56-11GWA

Green

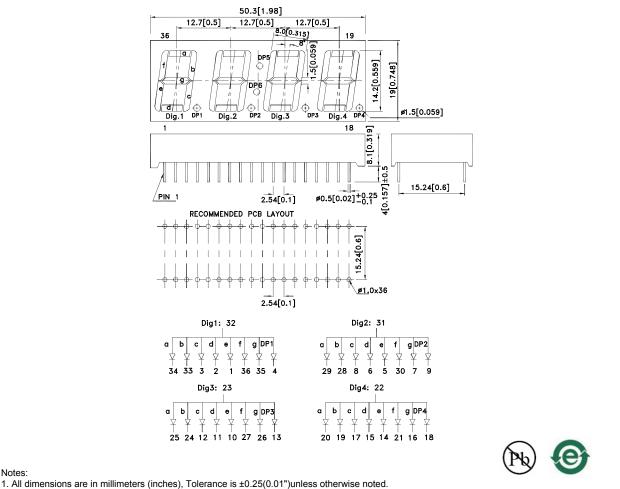
#### **Features**

- 0.56 inch digit height.
- Low current operation.
- Excellent character appearance.
- Easy mounting on P.C. boards or sockets.
- Mechanically rugged.
- Standard :gray face, white segment.
- UL rating:HB.
- RoHS compliant.

#### Description

The Green source color devices are made with Gallium Phosphide Green Light Emitting Diode.

### Package Dimensions& Internal Circuit Diagram



2. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

SPEC NO: DSAA3959

APPROVED: WYNEC

Notes:

REV NO: V.13A **CHECKED:** Joe Lee

DATE: OCT/15/2014 DRAWN: Q.M.Chen

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Selection Guide									
Part No.	Dice	Lens Type	lv (ucd) [1] @ 10mA		Description				
			Min.	Тур.					
CA56-11GWA	Green (GaP)	White Diffused	5600	11000	Common Anode, Rt. Hand Decimal.				
			*2200	*4500					

Notes:

1. Luminous intensity/ luminous Flux: +/-15%. \*Luminous intensity value is traceable to the CIE127-2007 compliant national standards.

#### Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Тур.	Max.	Units	Test Conditions
λpeak	Peak Wavelength	Green	565		nm	I⊧=20mA
λD [1]	Dominant Wavelength	Green	568		nm	I⊧=20mA
Δλ1/2	Spectral Line Half-width	Green	30		nm	I⊧=20mA
С	Capacitance	Green	15		pF	VF=0V;f=1MHz
VF [2]	Forward Voltage	Green	2.2	2.5	V	I⊧=20mA
IR	Reverse Current	Green		10	uA	VR=5V

Notes:

1.Wavelength: +/-1nm.

2. Forward Voltage: +/-0.1V.

3. Wavelength value is traceable to the CIE127-2007 compliant national standards.

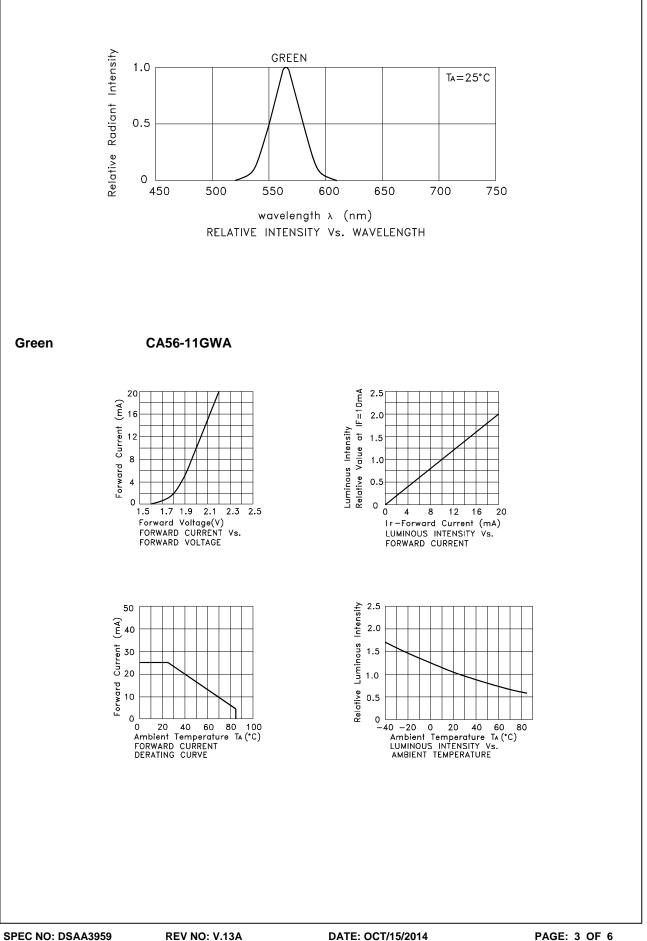
4. Excess driving current and/or operating temperature higher than recommended conditions may result in severe light degradation or premature failure.

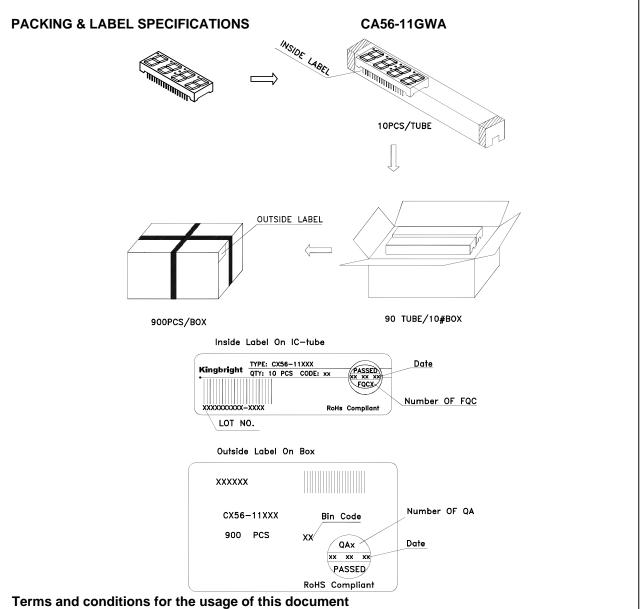
#### Absolute Maximum Ratings at TA=25°C

Parameter	Green	Units		
Power dissipation	62.5	mW		
DC Forward Current	25	mA		
Peak Forward Current [1]	140	mA		
Reverse Voltage	5	V		
Operating / Storage Temperature	-40°C To +85°C			
Lead Solder Temperature[2]	260°C For 3-5 Seconds			

Notes:

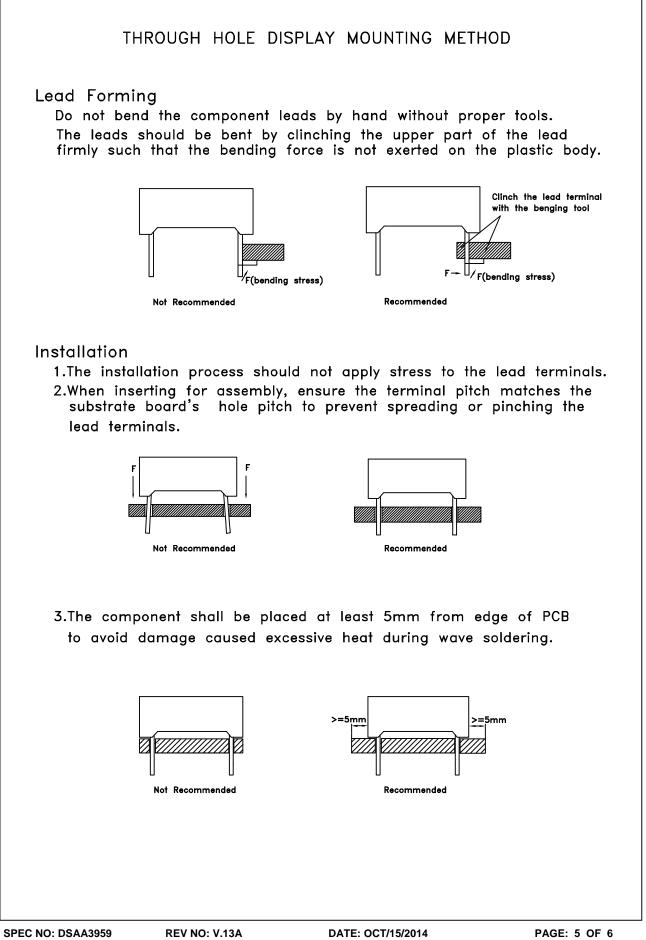
1. 1/10 Duty Cycle, 0.1ms Pulse Width.
2. 2mm below package base.

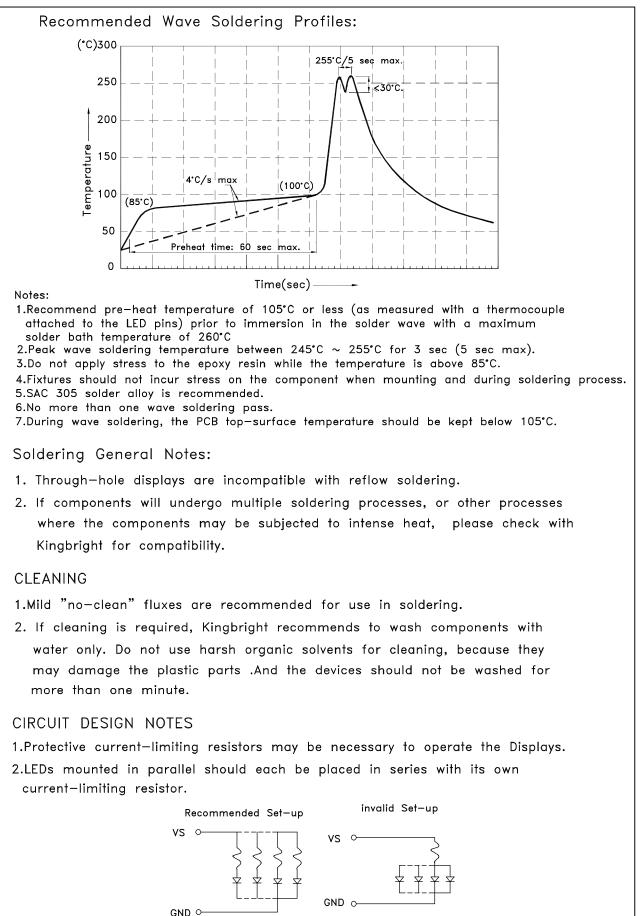




- 1. The information included in this document reflects representative usage scenarios and is intended for technical reference only.
- 2. The part number, type, and specifications mentioned in this document are subject to future change and improvement without notice. Before production usage customer should refer to the latest datasheet for the updated specifications.
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