

6.2mm (0.25INCH) FOUR DIGIT NUMERIC DISPLAY

Part Number: CC25-11GWA GREEN

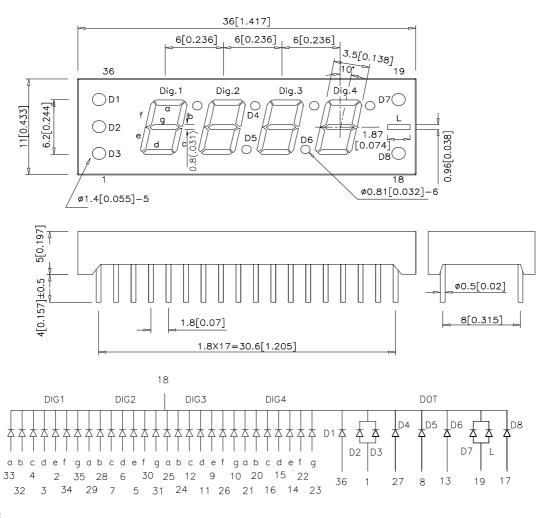
Features

- •0.25 INCH DIGIT HEIGHT
- •LOW CURRENT OPERATION.
- •EXCELLENT CHARACTER APPEARANCE.
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- •I.C. COMPATIBLE.
- •CATEGORIZED FOR LUMINOUS INTENSITY.
- •MECHANICALLY RUGGED.
- •STANDARD: GRAY FACE, WHITE SEGMENT.
- •Rohs Compliant.

Description

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

Package Dimensions & Internal Circuit Diagram



Notes:

1. All dimensions are in millimeters (inches), Tolerance is $\pm 0.25 (0.01")$ unless otherwise noted.

Specifications are subject to change without notice.

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Selection Guide

Part No.	Dice	Lens Type	lv (ucd) [1] @ 10mA		Description
			Min.	Тур.	
CC25-11GWA	GREEN (GaP)	WHITE DIFFUSED	1900	10500	Common Cathode

Note:

Electrical / Optical Characteristics at T_A=25°C

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

Notes:

Absolute Maximum Ratings at Ta=25°C

Parameter	Green	Units		
Power dissipation Per Segment or Dot	125	mW		
DC Forward Current Per Segment or Dot	25	mA		
Peak Forward Current [1] Per Segment or Dot	140	mA		
Reverse Voltage Per Segment or Dot	5	V		
Operating/Storage Temperature	-40°C To +85°C			
Lead Solder Temperature [2]	[2] 260°C For 5 Seconds			

Notes

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

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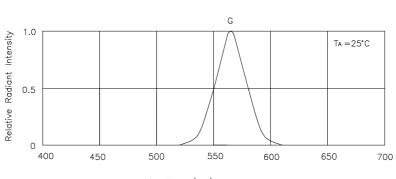
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^{1.} Luminous intensity/ luminous Flux: +/-15%.

^{1.}Wavelength: +/-1nm.

^{2.} Forward Voltage: +/-0.1V.

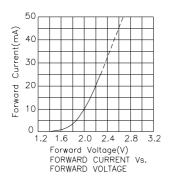
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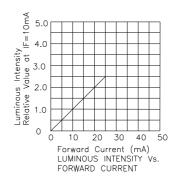


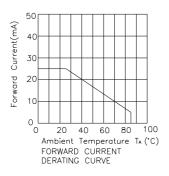
wavelength \leftthreetimes (nm) RELATIVE INTENSITY Vs. WAVELENGTH

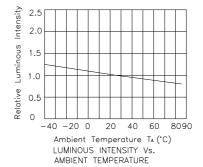
Green

CC25-11GWA



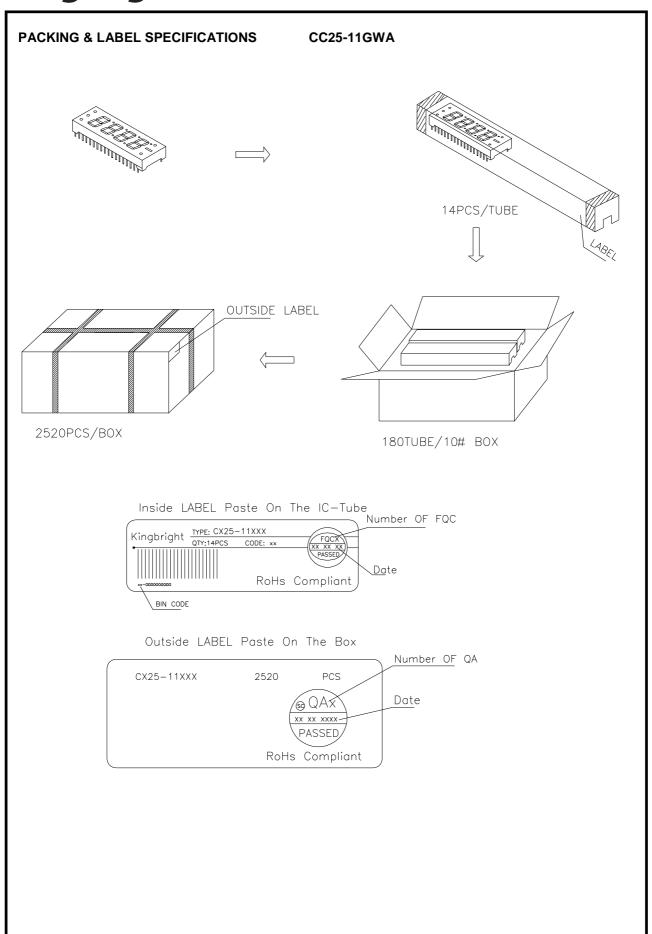






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