

10.16mm (0.4INCH) SINGLE DIGIT NUMERIC DISPLAY

Part Number: SA04-11GWA

Green

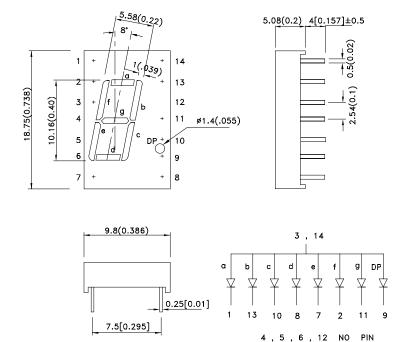
Features

- 0.4 INCH DIGIT HEIGHT.
- LOW CURRENT OPERATION.
- EXCELLENT CHARACTER APPEARANCE.
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- I.C. COMPATIBLE.
- 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 ±0.25(0.01")unless otherwise noted.

2. Specifications are subject to change without notice.





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 DATE: MAY/15/2007
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 APPROVED: WYNEC
 CHECKED: Joe Lee
 DRAWN: Y.L.LI
 ERP: 1301000051

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Selection Guide

Part No.	Dice	Lens Type	lv (uc @ 10	,	Description
			Min.	Тур.	
SA04-11GWA	Green (GaP)	WHITE DIFFUSED	3000	12000	Common Anode, Rt. Hand Decimal.

Note:

Electrical / Optical Characteristics at TA=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	Green	2.2	2.5	V	IF=20mA
lr	Reverse Current	Green		10	uA	VR=5V

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]	d Solder Temperature[2] 260°C For 3-5 Seconds			

Notes:

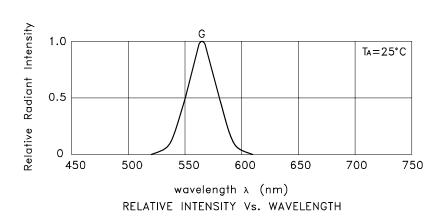
1. 1/10 Duty Cycle, 0.1ms Pulse Width.
 2. 2mm below package base.

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

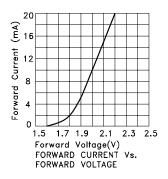
^{1.}Wavelength: +/-1nm. 2. Forward Voltage: +/-0.1V.

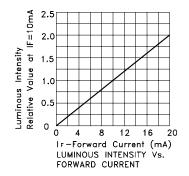
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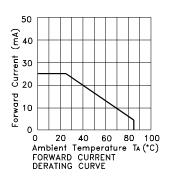


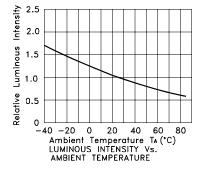
Green

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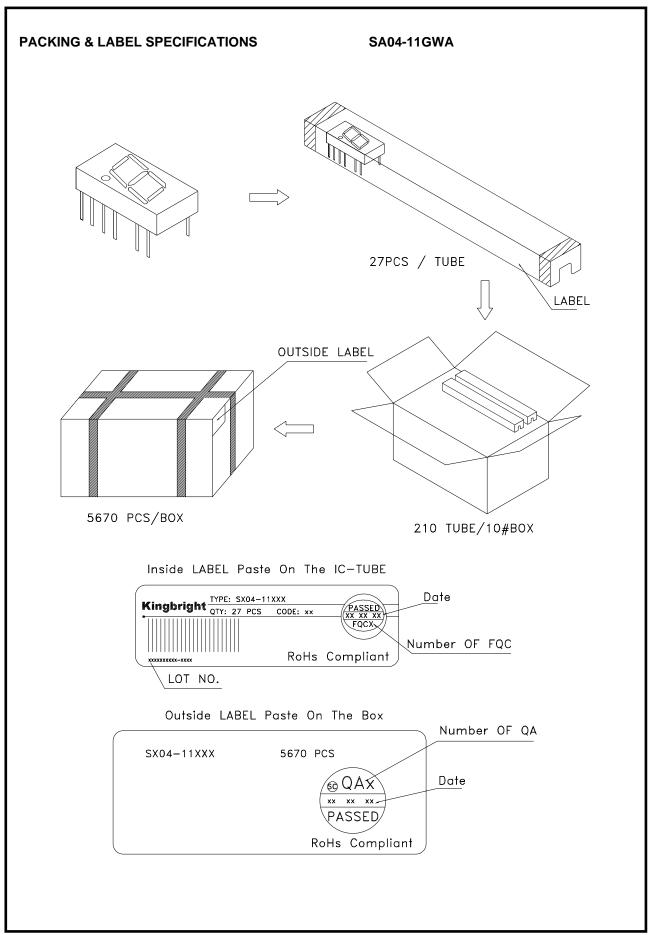






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