SURFACE MOUNT DISPLAY

Part Number: KCSA04-123

Green

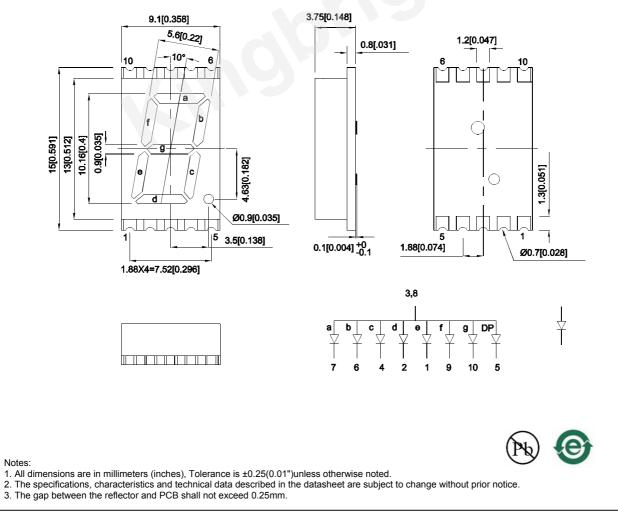
Features

- 0.4 inch digit height.
- Low current operation.
- Excellent character appearance.
- Mechanically rugged.
- Gray face, white segment.
- Package:400pcs/ reel.
- Moisture sensitivity level : level 2a.
- RoHS compliant.

Description

The Green source color devices are made with AlGaInP on GaAs substrate Light Emitting Diode.

Package Dimensions& Internal Circuit Diagram



REV NO: V.10A CHECKED: Joe Lee

DATE: JUL/02/2016 **DRAWN: L.T.Zhang** PAGE: 1 OF 5 ERP: 1351000422

Selection Guide Iv (ucd) [1] @ 10mA Part No. **Emitting Color (Material)** Lens Type Description Min. Тур. 5600 11000 Common Anode, Rt. KCSA04-123 Green (AlGaInP) White Diffused Hand Decimal. *2200 *4100

Notes:

Luminous intensity / luminous Flux: +/-15%.
* Luminous intensity value is traceable to CIE127-2007 standards.

Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Emitting Color	Тур.	Max.	Units	Test Conditions
λpeak	Peak Wavelength	Green	574		nm	IF=10mA
λD [1]	Dominant Wavelength	Green	570		nm	I⊧=10mA
Δλ1/2	Spectral Line Half-width	Green	20		nm	IF=10mA
С	Capacitance	Green	15		pF	VF=0V;f=1MHz
Vf [2]	Forward Voltage	Green	2.0	2.5	V	I⊧=10mA
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

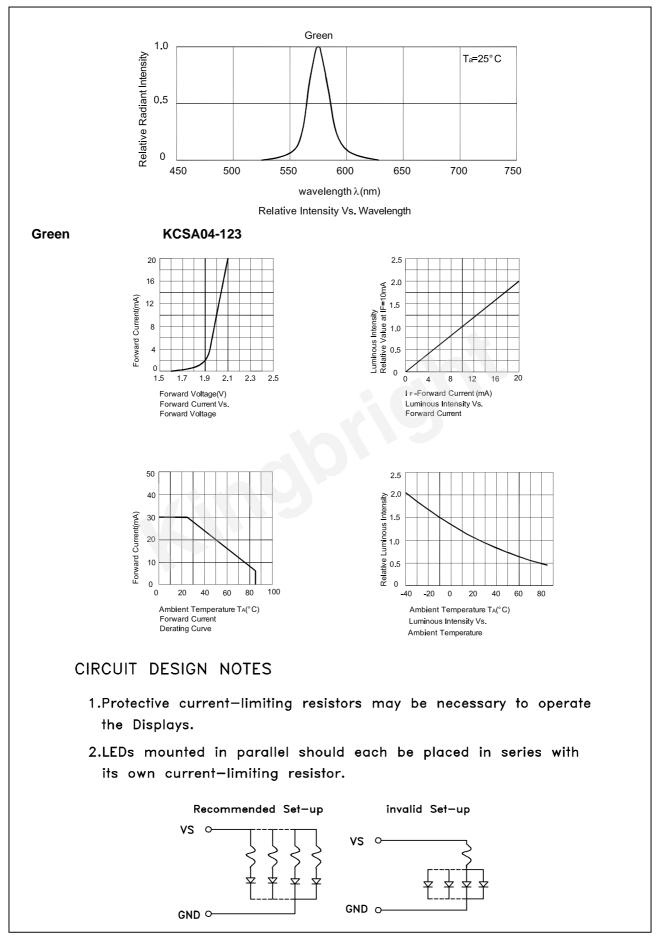
Parameter	Values	Units
Power dissipation	75	mW
DC Forward Current	30	mA
Peak Forward Current [1]	150	mA
Reverse Voltage	5	V
Operating / Storage Temperature	-40°C To +85°C	

Notes:

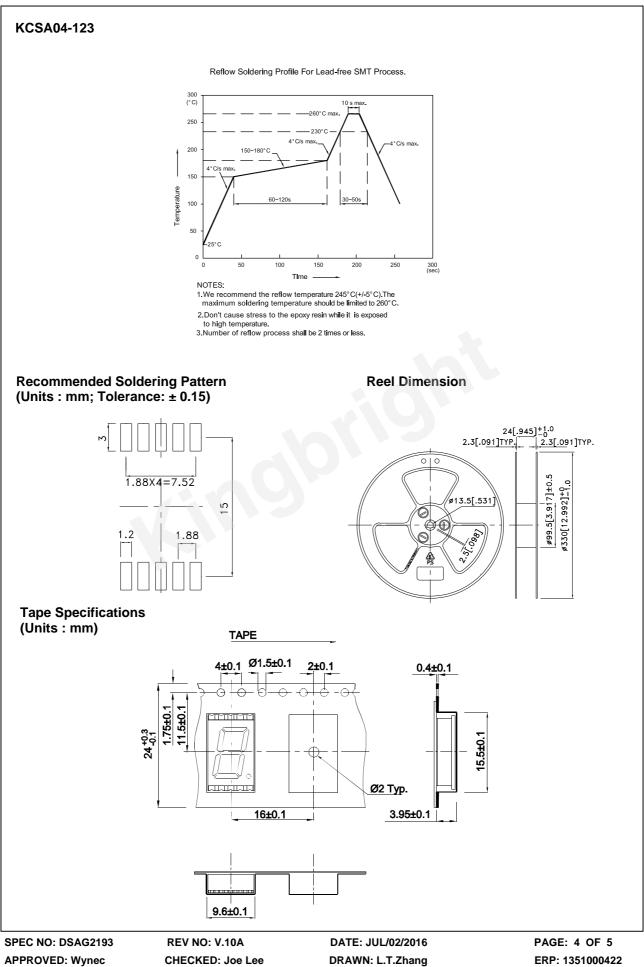
1. 1/10 Duty Cycle, 0.1ms Pulse Width.

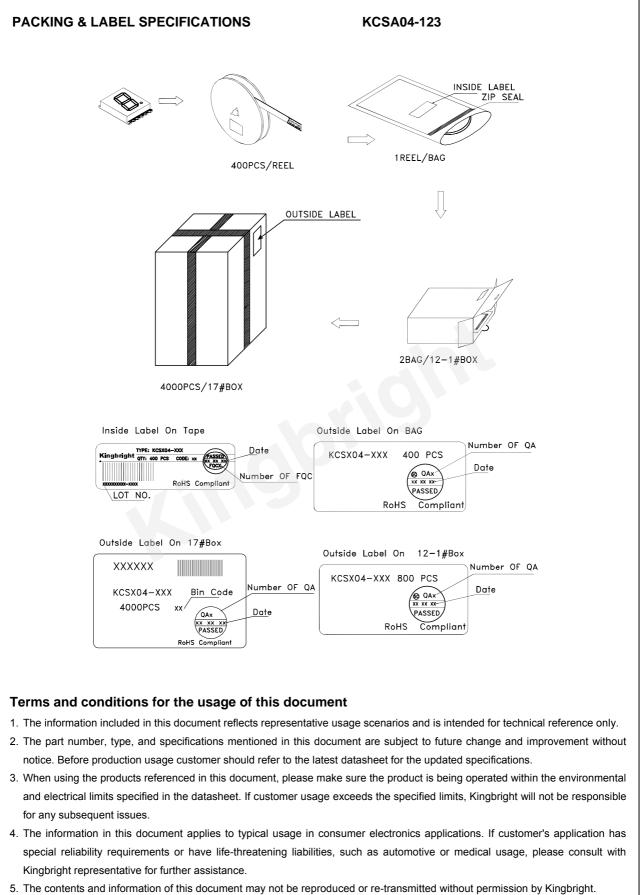
2. 2mm below package base.

3. Relative humidity levels maintained between 40% and 60% in production area are recommended to avoid the build-up of static electricity - Ref JEDEC/JESD625-A and JEDEC/J-STD-033.



REV NO: V.10A CHECKED: Joe Lee DATE: JUL/02/2016 DRAWN: L.T.Zhang





6. All design applications should refer to Kingbright application notes available at http://www.kingbright.com/application_notes

DATE: JUL/02/2016 DRAWN: L.T.Zhang

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for LED Displays & Accessories category:

Click to view products by Kingbright manufacturer:

Other Similar products are found below :

LTC-2721WC LTC-4624JD LTC-4627G LTC-4627WC LTD-5021AWC LTM-8522G LTP-4323P LTP-747G LTS-3361JG-06 F416SYGWA/S530-E3 1668 HT-F196NB-5323 IPD2131-27 SA03-12EWA LDD-E2802RD LDD-E306MI LDQ-N514RI LDS-A3506RD LDS-A3926RI LDT-M516RI SC03-12HDB SI-B9T151550WW SI-B9V171550WW SLC-3PF-WL 1624 LTC-2621JD LTC-2623WC LTC-4624P LTC-4627JD LTD-2601E LTD-2601P LTD-322G LTD-482PC LTP-1457AKR LTP-3784G-01 LTS-313AP LTS-4812SKR-P LTS-547AE LTS-6780P 446010401-3 HV-7W30-6829 CA12240_MINNIE-WWW-MTG-ASSY DA43-11GWA LDD-A516RI-17 LDD-E305RI LDQ-M513RI LDQ-M5204RI-SI LDQ-N3402RI LDQ-N3606RI LDT-M2804RI