14.22mm (0.56INCH) DUAL DIGIT NUMERIC DISPLAY

Part Number: DC56-11YWA Yellow

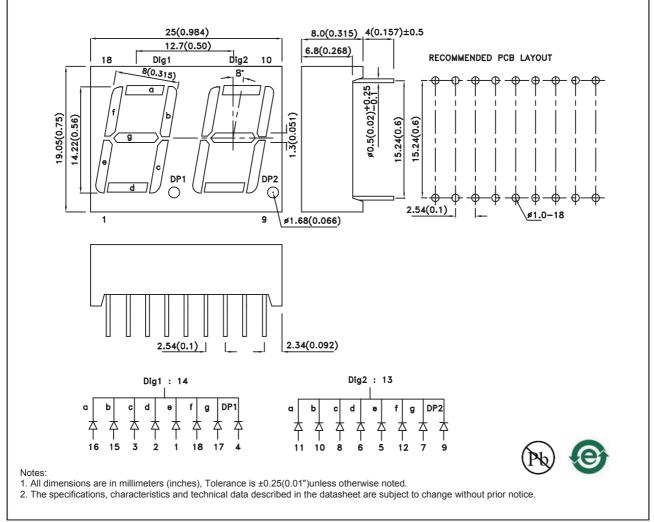
Features

- 0.56 inch digit height.
- Low current operation.
- Excellent character appearance.
- Easy mounting on P.C. boards or sockets.
- Two digit package simplifies alignments & assembly.
- Mechanically rugged.
- Standard : gray face, white segment.
- RoHS compliant.

Description

The Yellow source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Yellow Light Emitting Diode.

Package Dimensions& Internal Circuit Diagram



SPEC NO: DSAC0106 **APPROVED: WYNEC**

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Selection Guide	-					
Part No.	Dice	Lens Type	lv (ucd) [1] @ 10mA		Description	
			Min.	Тур.		
	Yellow (GaAsP/GaP)	White Diffused	2200	6500	Common Cathode,	
DC56-11YWA			*900	*2300	Rt.Hand Decimal.	

Notes:

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	Yellow	590		nm	I⊧=20mA
λD [1]	Dominant Wavelength	Yellow	588		nm	I⊧=20mA
Δλ1/2	Spectral Line Half-width	Yellow	35		nm	I⊧=20mA
С	Capacitance	Yellow	20		pF	VF=0V;f=1MHz
VF [2]	Forward Voltage	Yellow	2.1	2.5	V	I⊧=20mA
IR	Reverse Current	Yellow		10	uA	VR=5V

Notes:

1.Wavelength: +/-1nm.

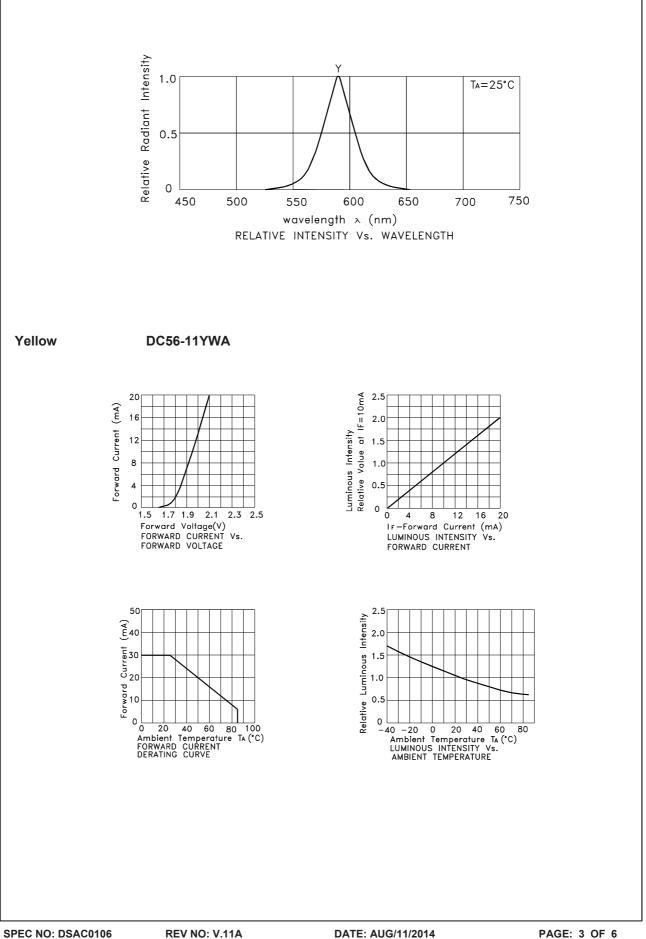
Forward Voltage: +/-0.1V.
Wavelength value is traceable to the CIE127-2007 compliant national standards.

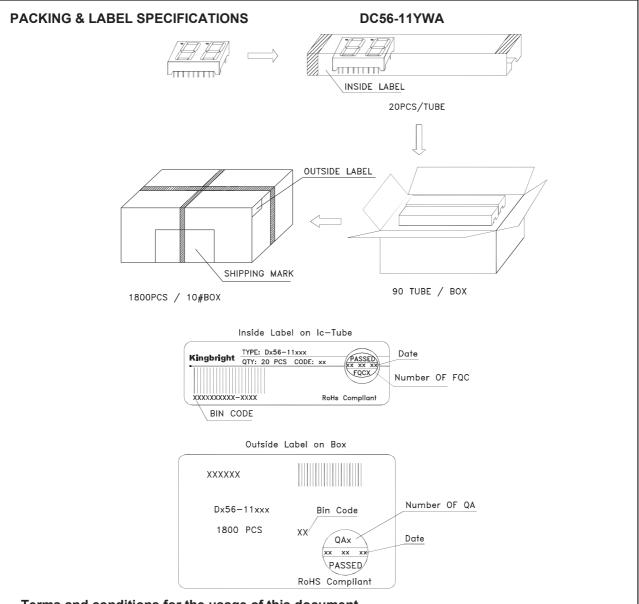
Absolute Maximum Ratings at TA=25°C

Yellow	Units					
75	mW					
30	mA					
140	mA					
5	V					
ting / Storage Temperature -40°C To +85°C						
nperature[2] 260°C For 3-5 Seconds						
	75 30 140 5 -40°C To +85°C					

Notes:

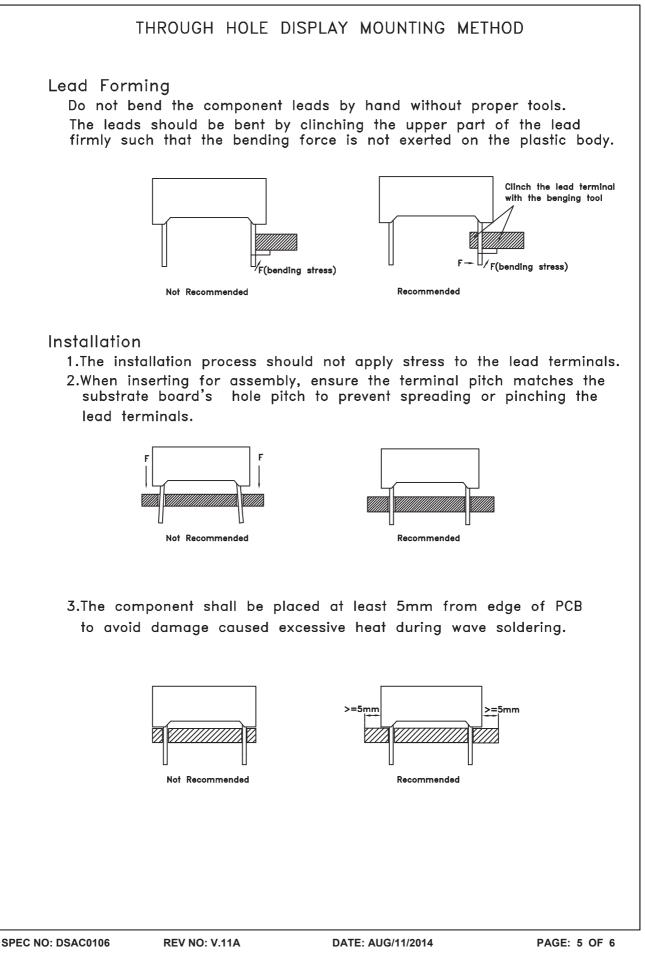
1. 1/10 Duty Cycle, 0.1ms Pulse Width.
2. 2mm below package base.

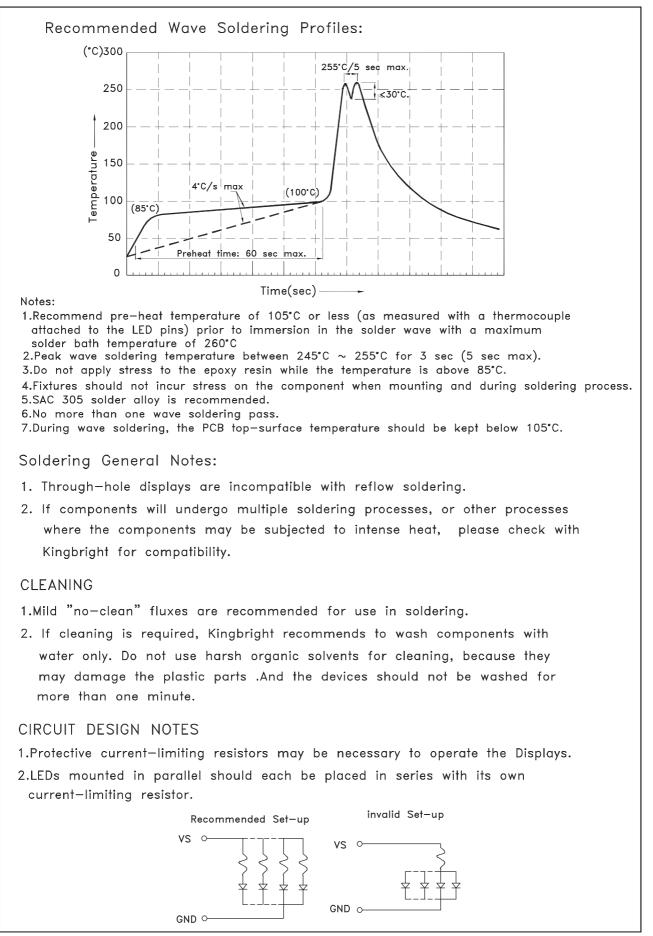




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