

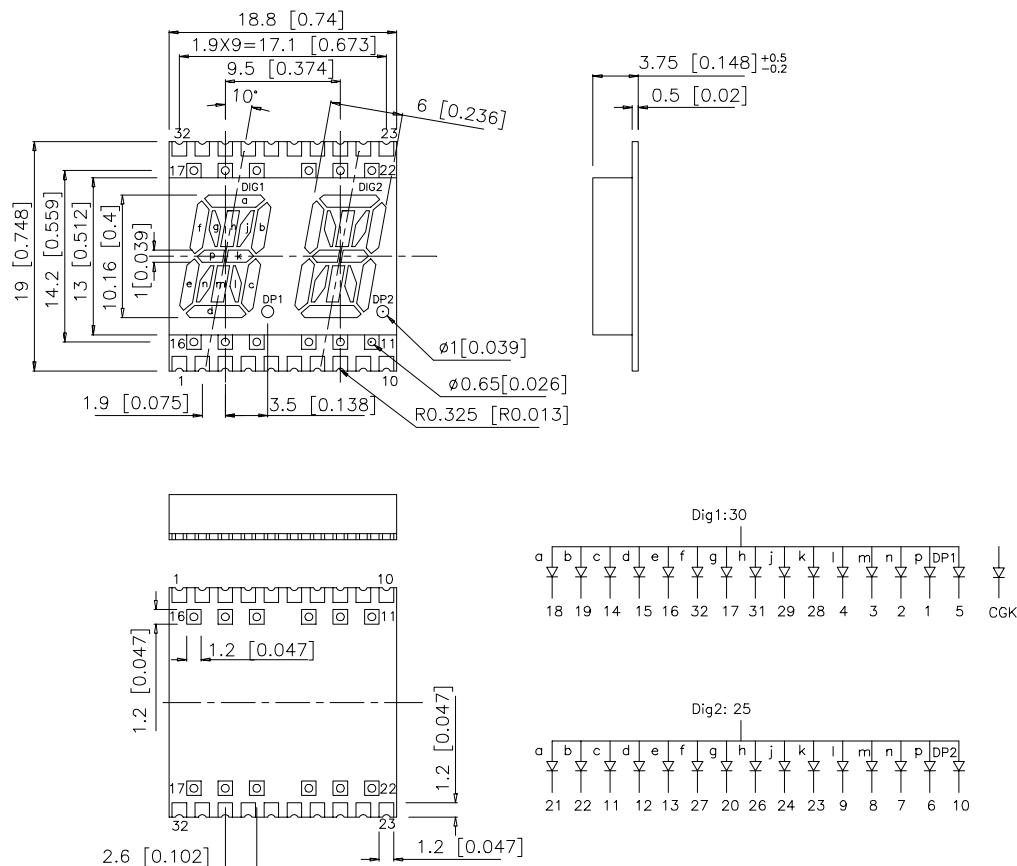
Features

- 0.4 INCH CHARACTER HEIGHT.
 - LOW CURRENT OPERATION.
 - HIGH CONTRAST AND LIGHT OUTPUT.
 - EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
 - CATEGORIZED FOR LUMINOUS INTENSITY.
 - MECHANICALLY RUGGED.
 - GRAY FACE, WHITE SEGMENT.
 - PACKAGE :500PCS/REEL.

Description

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

Package Dimensions & Internal Circuit Diagram



Notes:

- Notes:
1. All dimensions are in millimeters (inches), Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
2. Specifications are subject to change without notice.

Selection Guide

Part No.	Dice	Lens Type	I _V (ucd) @ 10 mA		Description
			Min.	Typ.	
APPDA04-41CGKWA	GREEN (InGaAlP)	WHITE DIFFUSED	3000	11200	Common Anode,Rt. Hand Decima

Electrical / Optical Characteristics at T_A=25°C

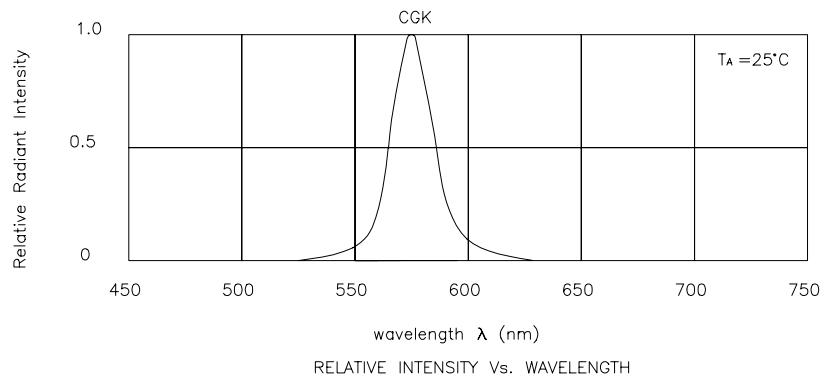
Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ _{peak}	Peak Wavelength	Green	574		nm	I _F =20mA
λ D	Dominate Wavelength	Green	570		nm	I _F =20mA
Δλ1/2	Spectral Line Half-width	Green	20		nm	I _F =20mA
C	Capacitance	Green	15		pF	V _F =0V;f=1MHz
V _F	Forward Voltage	Green	2.1	2.5	V	I _F =20mA
I _R	Reverse Current	Green		10	uA	V _R = 5V

Absolute Maximum Ratings at T_A=25°C

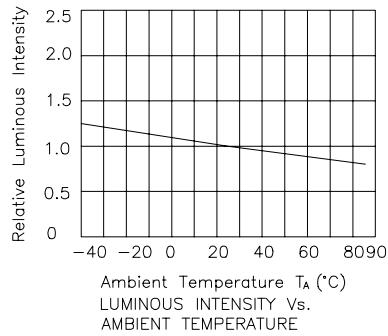
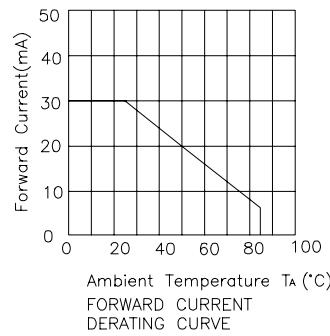
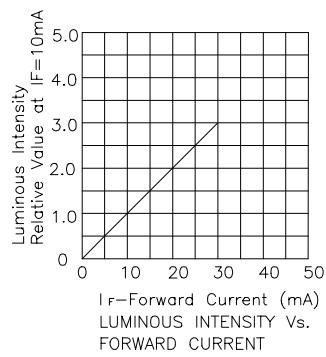
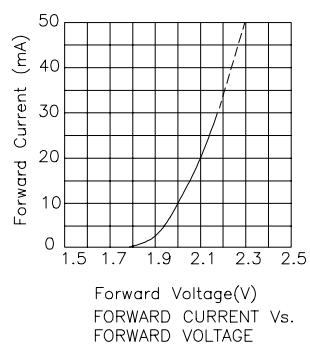
Parameter	Green	Units
Power dissipation	105	mW
DC Forward Current	30	mA
Peak Forward Current [1]	150	mA
Reverse Voltage	5	V
Operating/Storage Temperature	-40°C To +85°C	

Note:

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

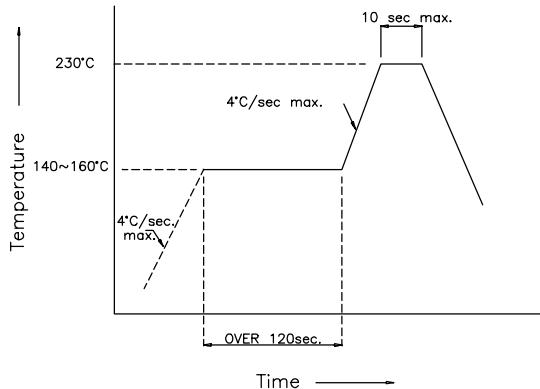


Green APPDA04-41CGKWA

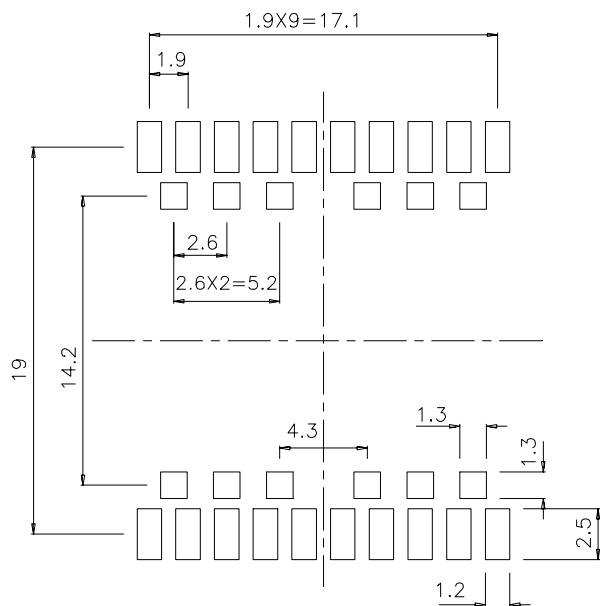


APPDA04-41CGKWA SMT Reflow Soldering Instructions

Number of reflow process shall be less than 2 times and cooling process to normal temperature is required between first and second soldering process.



Recommended Soldering Pattern (Units : mm)



Tape Specifications
(Units : mm)

