

# ELD426GWA

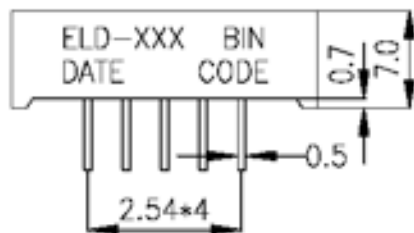
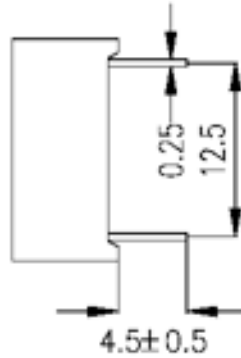
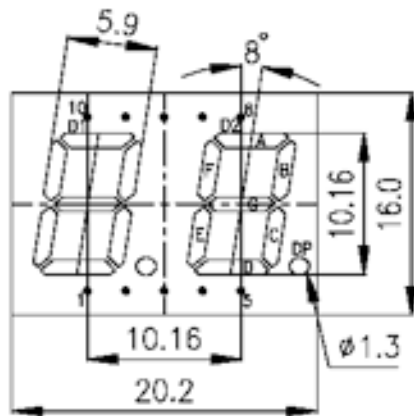
Page 1 of 2



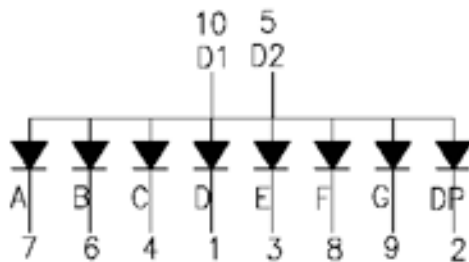
The ELD426 series is a common anode seven segment display.



RoHS Compliant  
Aug 2004



- COMMON ANODE
- 1 CATHODE D
  - 2 CATHODE DP
  - 3 CATHODE E
  - 4 CATHODE C
  - 5 COMMON ANODE D2
  - 6 CATHODE B
  - 7 CATHODE A
  - 8 CATHODE F
  - 9 CATHODE G
  - 10 COMMON ANODE D1



PART NO.	Chip		Face Color
	Material	Emitted Color	
ELD426GWA	GaAsP/GaP	Orange	Gray

\* Specifications subject to change without notice. Dimensions are in mm ±0.25 unless stated otherwise.

**Absolute Maximum Ratings at T<sub>a</sub> = 25 °C**

Parameter	Symbol	Rating	Units
Forward Current	I <sub>F</sub>	30	mA
Operating Temperature	T <sub>opr</sub>	-40 to +85	°C
Storage Temperature	T <sub>stg</sub>	-40 to +100	°C
Soldering Temperature	T <sub>sol</sub>	260 ± 5	°C
Power Dissipation	P <sub>d</sub>	100	mW
Peak Forward Current (Duty 1/10 @ 1 KHz)	I <sub>F</sub> (Peak)	160	mA
Reverse Voltage	V <sub>R</sub>	5	V

**Electronic Optical Characteristics**

Parameter		Symbol	Min.	Typ.	Max.	Units	Condition
Luminous Intensity	Per segment	I <sub>v</sub>	1.05	1.9	—	mcd	I <sub>F</sub> = 10 mA
	Per decimal point		0.15	0.4	—		
Peak Wavelength		λ <sub>p</sub>	—	635	—	nm	I <sub>F</sub> = 20 mA
Dominant Wavelength		λ <sub>d</sub>	—	625	—	nm	I <sub>F</sub> = 20 mA
Spectrum Radiation Bandwidth		Δλ	—	45	—	nm	I <sub>F</sub> = 20 mA
Forward Voltage		V <sub>F</sub>	1.7	2.0	2.4	V	I <sub>F</sub> = 20 mA
Reverse Current		I <sub>R</sub>	—		10	μA	V <sub>R</sub> = 5 V

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