



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : CDDD-426-035 REV: 1

0.4" Dual Digit Displays

PART NO. : ELD-426HDB/P7 ECN : Page: 1/5

■ Features :

- Industrial standard size.
- Low power consumption.
- Categorized for luminous intensity.

■ Applications:

- Audio equipment
- Instrument panels
- Digital read out display

■ Descriptions :

- The ELD-426 series is a large 10.16mm (0.4")high seven segment display designed for viewing distances up to 7 meters.
- These displays provide excellent reliability in bright ambient light.
- These devices are made with red segments and black surface.

PART NO.	Chip	
	Material	Emitted Color
ELD-426HDB/P7	GaP	Bright Red

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<http://www.everlight.com>

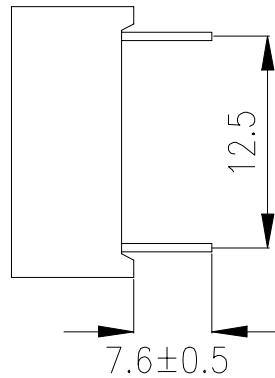
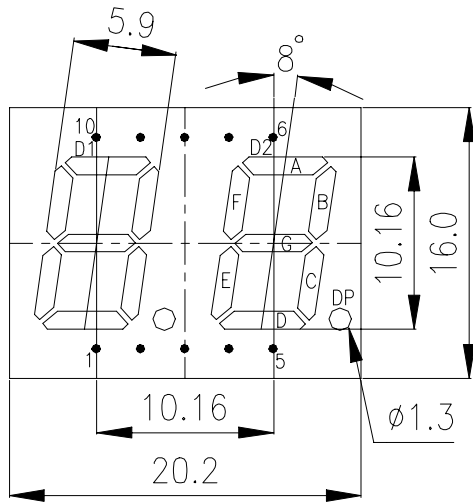
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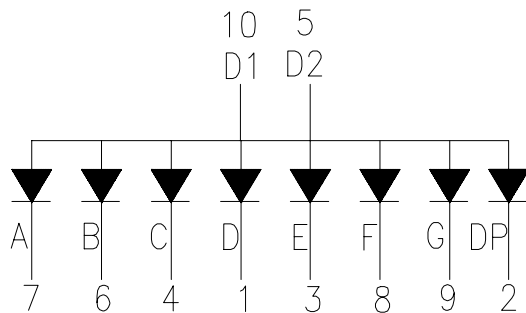
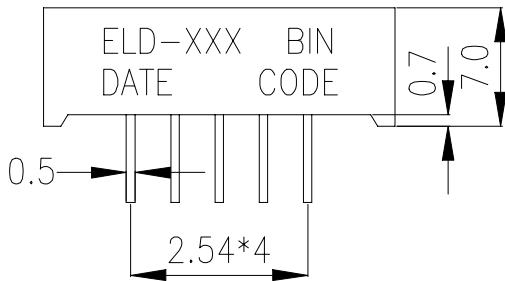
0.4" Dual Digit Displays

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■ Package Dimensions:



- 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



■ Notes:

1.All dimensions are in millimeters, tolerance is 0.25mm unless otherwise noted.

2.Above specification may be changed without notice.

Supplier will reserve authority on material change for above specification.



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■ Absolute maximum ratings at Ta = 25°C :

Parameter	Symbol	Rating	Unit
Reverse Voltage	VR	5	V
Forward Current	IF	15	mA
Operating Temperature	Topr	-40 to +85	°C
Storage Temperature	Tstg	-40 to +100	°C
Soldering Temperature	Tsol	260 ± 5	°C
Power Dissipation	Pd	45	mW
Peak Forward Current(Duty 1/10 @ 1KHZ)	IF(Peak)	50	mA

■ Electronic optical characteristics :

Parameter		Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	Per segment	Iv	0.28	0.56	----	mcd	IF=10mA
	Per decimal point		0.10	0.3	----		
Peak Wavelength		λ_p	----	697	----	nm	IF=10mA
Dominant Wavelength		λ_d	----	650	----	nm	IF=10mA
Spectrum Radiation Bandwidth		$\Delta \lambda$	----	90	----	nm	IF=10mA
Forward Voltage		VF	1.5	2.0	2.4	V	IF=10mA
Reverse Current		IR	----	----	10	μA	VR=5V



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Typical Electro-Optical Characteristic Curves:

CHIP Material:Gap
Emitted Color:Bright Red

