



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : CDDS-516-016 REV: 1

0.52" Single Digit Displays

PART NO. : ELS-516SURWA/S530-A3 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 ELS-516 series is a large 13.2mm (0.56")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 white segments and gray surface.

PART NO.	Chip	
	Material	Emitted Color
ELS-516SURWA/S530-A3	AlGaInP	Hyper Red

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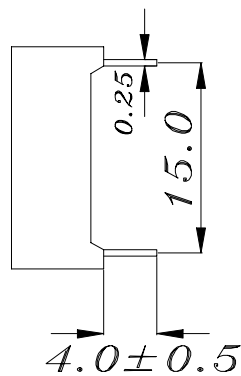
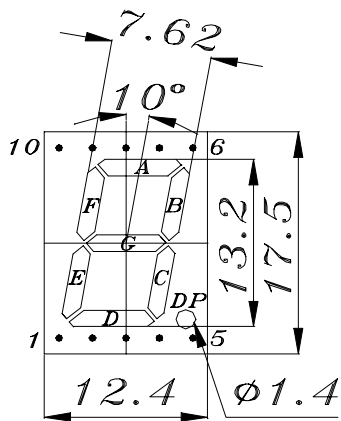
<http://www.everlight.com>

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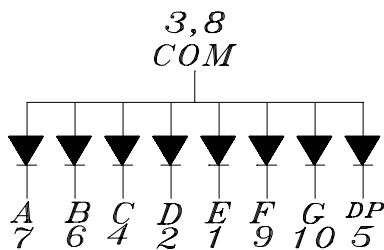
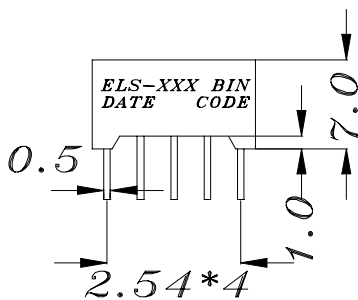


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■ Package Dimensions:



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



■ 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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■ Reliability test items and conditions:

NO	Item	Test Conditions	Test Hours/Cycle	Sample Size	Ac/Re
1	Solder Heat	TEMP : 260°C ± 5 °C	5 SEC	76 PCS	0/1
2	Temperature Cycle	H : +85°C 30min ∫ 5 min L : -55°C 30min	50 CYCLE	76 PCS	0/1
3	Thermal Shock	H : +100°C 5min ∫ 10 sec L : -10°C 5min	50 CYCLE	76 PCS	0/1
4	High Temperature Storage	TEMP : 100°C	1000 HRS	76 PCS	0/1
5	Low Temperature Storage	TEMP : -55°C	1000 HRS	76 PCS	0/1
6	DC Operating Life	IF = 10 mA	1000 HRS	76 PCS	0/1
7	High Temperature / High Humidity	85°C /85% RH	1000 HRS	76 PCS	0/1

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