



0.36" Single Digit Displays

MODEL NO : ELS-315SURWA/S530-A2 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-315 series is a large 9.14mm (0.36")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-315SURWA/S530-A2 | AlGaInP | Hyper Red |

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TEL : 886-2-2267-2000,2267-9936

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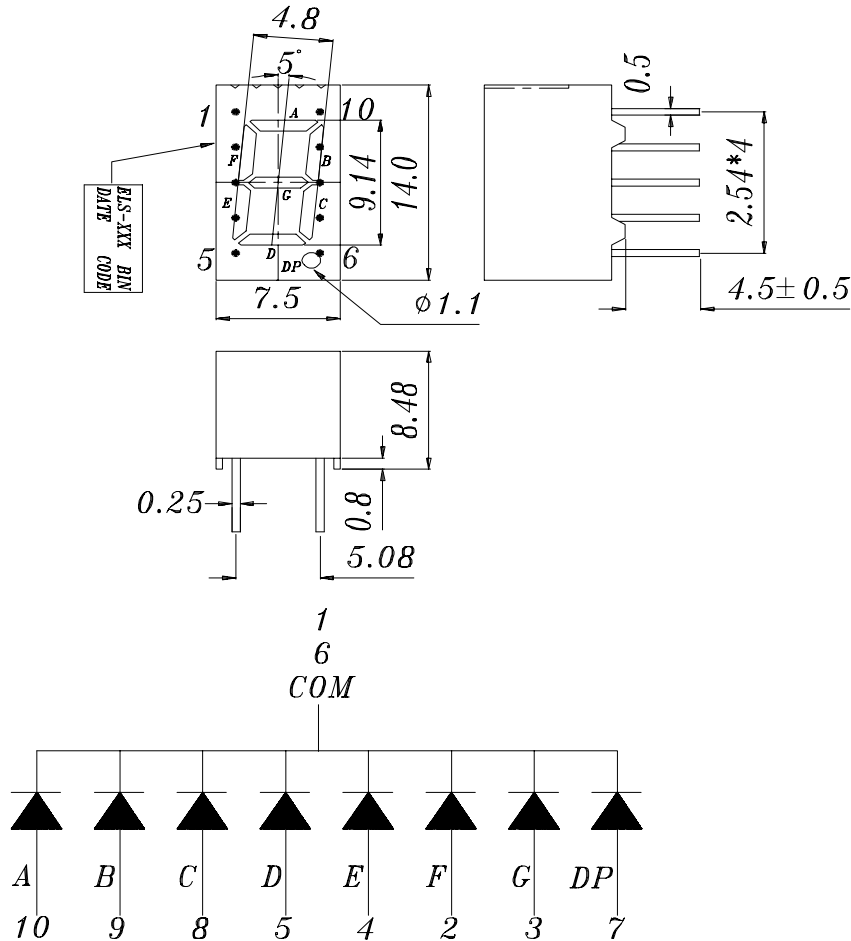
<http://www.everlight.com>



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Package Dimensions:



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

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.



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DDS-315-012 REV: 1.1

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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℃ ± 5 ℃ | 5 SEC | 76 PCS | 0/1 |
| 2 | Temperature Cycle | H : +85℃ 30min ∫ 5 min L : -55℃ 30min | 50 CYCLE | 76 PCS | 0/1 |
| 3 | Thermal Shock | H : +100℃ 5min ∫ 10 sec L : -10℃ 5min | 50 CYCLE | 76 PCS | 0/1 |
| 4 | High Temperature Storage | TEMP : 100℃ | 1000 HRS | 76 PCS | 0/1 |
| 5 | Low Temperature Storage | TEMP : -55℃ | 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℃/85% RH | 1000 HRS | 76 PCS | 0/1 |

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Typical Electro-Optical Characteristic Curves:

