



0.36" Single Digit Displays

■ 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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<http://www.everlight.com>



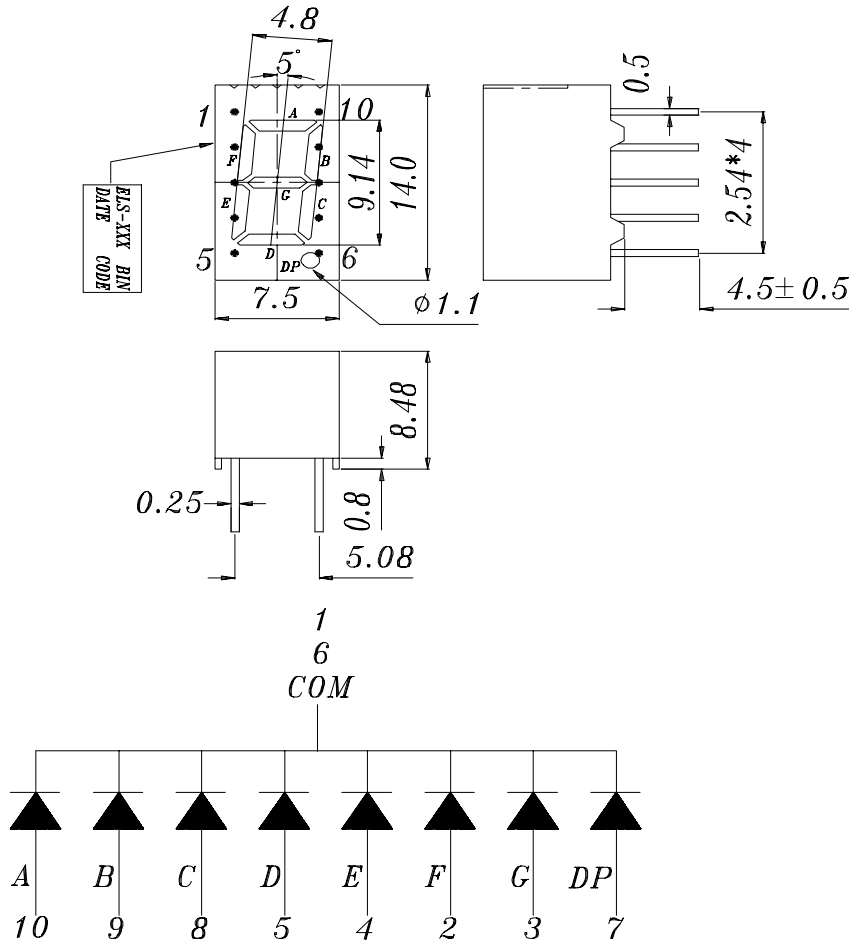
0.36" Single Digit Displays

MODEL NO : ELS-315SURWA/S530-A2

ECN : \_\_\_\_\_

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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

0.36" Single Digit Displays

MODEL NO : ELS-315SURWA/S530-A2 ECN :                      Page: 4/5

■ 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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■ Typical Electro-Optical Characteristic Curves:

