



# EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : CDDS-400-015 REV: 1

## 4.0" Single Digit Displays

PART NO. : ELS-4006IDR 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-4005 series is a large 101.2mm (4.0")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 red surface.

PART NO.	Chip	
	Material	Emitted Color
ELS-4006IDR	GaAsP/GaP	Hi-Eff Red

OFFICE : NO. 25,Lane 76,Sec.3, Chung Yang Rd., Tucheng 236, Taipei, Taiwan, R.O.C.

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

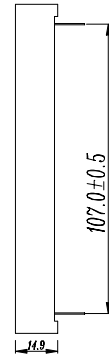
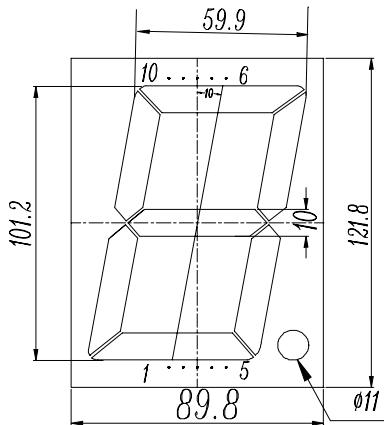
FAX : 886-2-2267-6244,22676189,22676306

<http://www.everlight.com>

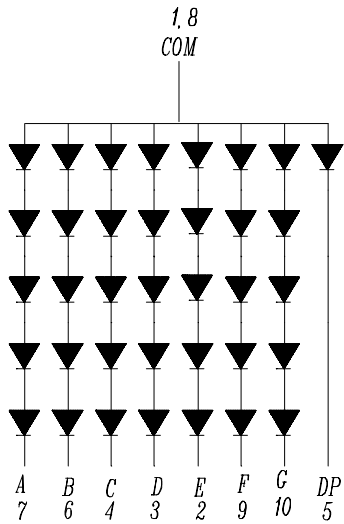
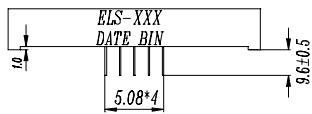


## 4.0" Single Digit Displays

■ Package Dimensions:



*COMMON ANODE*  
 1 *COMMON ANODE*  
 2 *CATHODE E*  
 3 *CATHODE D*  
 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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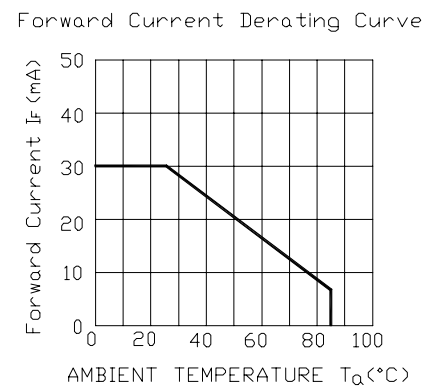
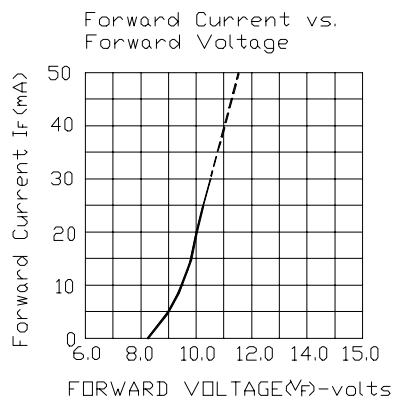
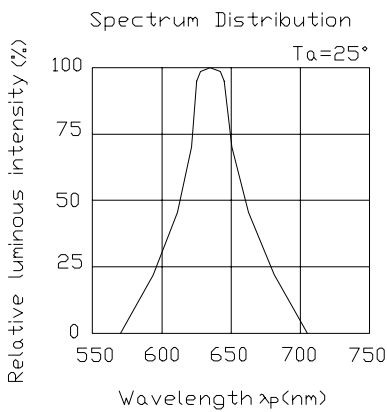
PART NO. : ELS-4006IDR

ECN :                     

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■ Typical Electro-Optical Characteristic Curves:

CHIP Material:GaAsP/GaP  
Emitted Color:Hi-Eff Red/Orange





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Device Number : CDDS-400-015 REV: 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°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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