



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : CDDS-512-012 REV: 1

0.56" Single Digit Displays

PART NO. : ELS-512GDB 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-512 series is a large 14.22mm (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 green segments and black surface.

DataSheet4U.com

DataShee

PART NO.	Chip	
	Material	Emitted Color
ELS-512GDB	GaP	Green

OFFICE : 7c Building ,Lian Hua Port Industrial District, Lian Hua Shan Bonded Pricessing
Zone Pan Yu, Guang Zhou, China

TEL : (020) 84860913 , 84860914

FAX : (020) 84860600

<http://www.everlight.com>



EVERLIGHT ELECTRONICS CO.,LTD.

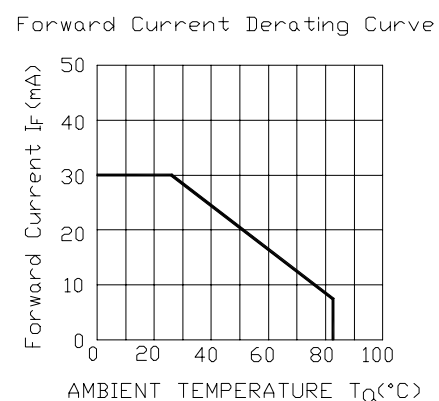
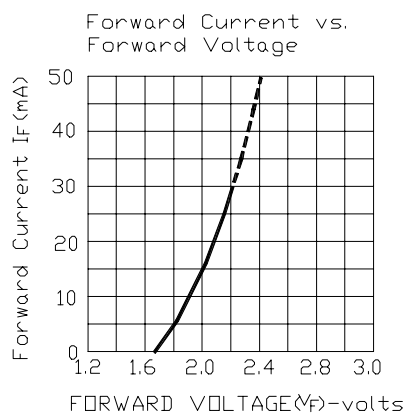
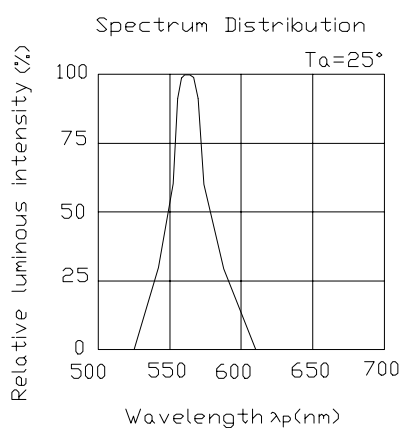
Device Number : CDDS-512-012REV: 1

0.56" Single Digit Displays

PART NO. : ELS-512GDBECN : Page: 4/5

Typical Electro-Optical Characteristic Curves:

GHIP Material:Gap
Emitted Color:Yellow Green





EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : CDDS-512-012 REV: 1

0.56" Single Digit Displays

PART NO. : ELS-512GDB ECN : Page: 5/5

	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 DataSheet4U.com	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