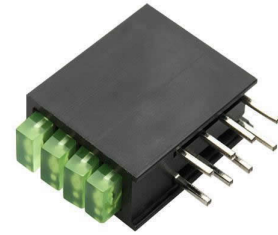


EH-23F-4GD



Features

- Low power consumption.
- High efficiency.
- Good control and free combinations on the colors of LED lamps.
- Good lock and easy to assembly.
- Stackable and easy to assembly.
- Stackable vertically and easy to assembly.
- Stackable horizontally and easy to assembly.
- Versatile mounting on P.C board or panel.
- Black case enhances contrast ratio.
- Compliance with EU REACH.
- The product itself will remain within RoHS compliant Version.

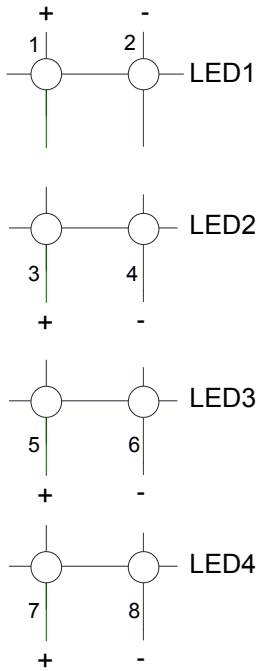
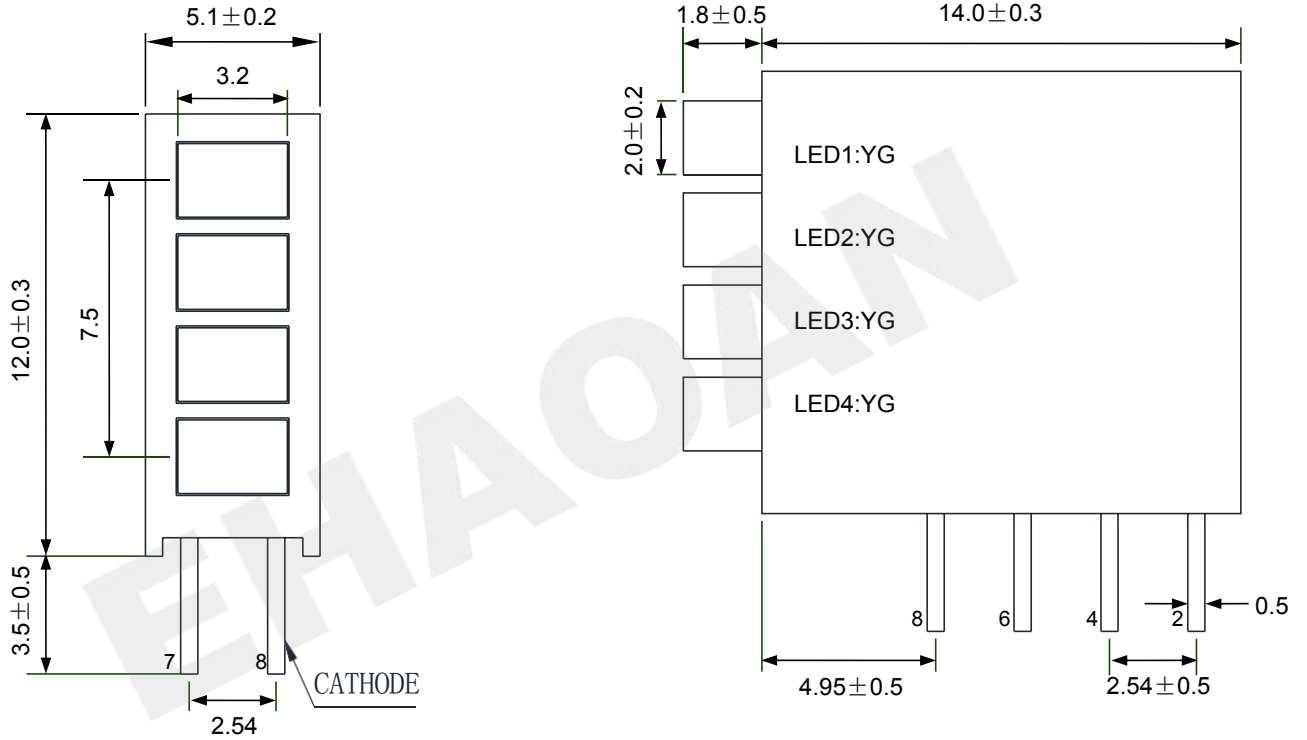
Applications

- Computer
- Communication
- Industrial

Device Selection Guide

Part No.	Emitted Color	Lens Color(LED)	Manufacturer	Update date
EH-23F-4GD	Yellow Green	Yellow Green	EHAOAN	2015.08.17

Package Dimensions/尺寸參數



RECOMMENDED P.C.B LAYOUT



Note:

- | | |
|---------------|---------------|
| 1.Green Anode | 5.Green Anode |
| 2.Cathode | 6.Cathode |
| 3.Green Anode | 7.Green Anode |
| 4.Cathode | 8.Cathode |

Note: Tolerances unless mentioned ± 0.1 mm. Unit = mm

註：除非另有說明，否則公差為 ± 0.1 mm 單位=mm

Absolute Maximum Ratings / 最大限度參數值(Ta=25°C)

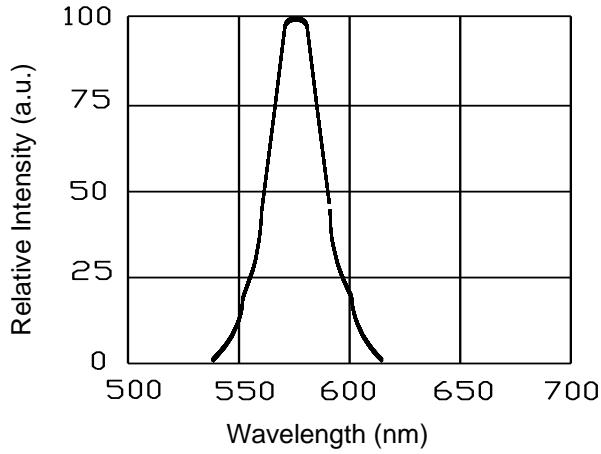
參數名稱 Parameter	符號 Symbol	最大額定值 Rating	單位 Unit
消耗功率 Power Dissipation	P _d	60	mW
峰值電流 Peak Forward Current	I _{FP}	60	mA
正向電流 Forward Current	I _F	20	mA
反向電壓 Reverse Voltage	V _R	5	V
工作溫度 Operating Temperature	T _{opr}	-40~+80	°C
存儲溫度 Storage Temperature	T _{stg}	-40~+85	°C
焊接溫度 Soldering Temperature	T _{sol}	260°C for 5 sec.	

Opto-Electrical Specification / 主要光電參數

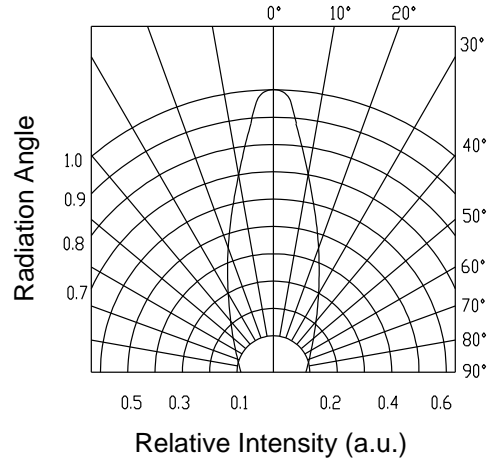
參數名稱 Parameter	符號 Symbol	最小值 Min	標準值 Type	最大值 Max	單位 Unit	測試條件 Condition
光強 Luminous Intensity	I _v	16	32	----	mcd	I _F =20mA
半光強視角 Viewing Angle	2θ _{1/2}	----	40	----	deg	I _F =20mA
主波長 Dominant Wavelength	λ _d	----	573	----	nm	I _F =20mA
正向電壓 Forward Voltage	V _F	1.7	2.0	2.4	V	I _F =20mA
反向電流 Reverse Current	I _R	----	----	10	uA	V _R =5V

Typical Characteristics Curves/曲線參數

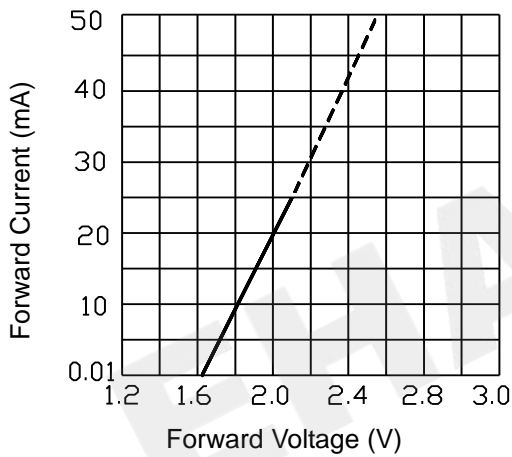
Relative Intensity vs. Wavelength (Ta=25°C)



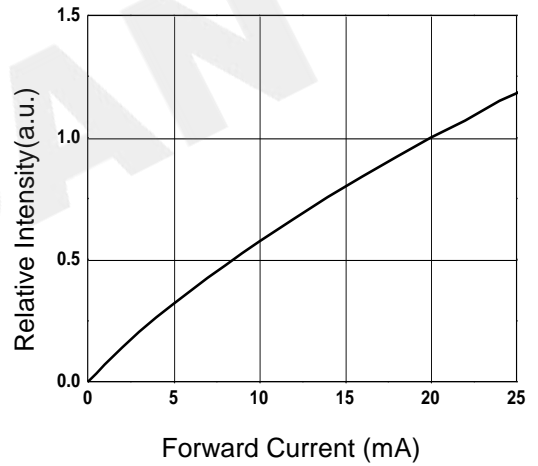
Directivity (Ta=25°C)



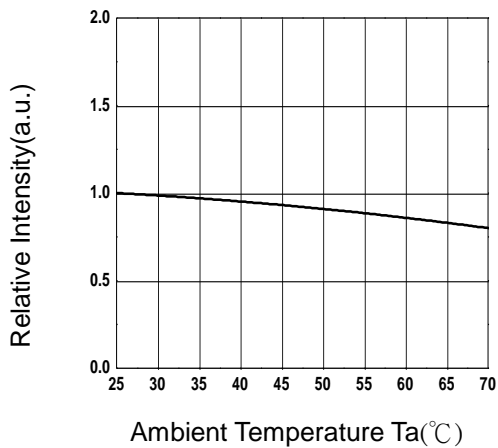
Forward Current vs. Forward Voltage (Ta=25°C)



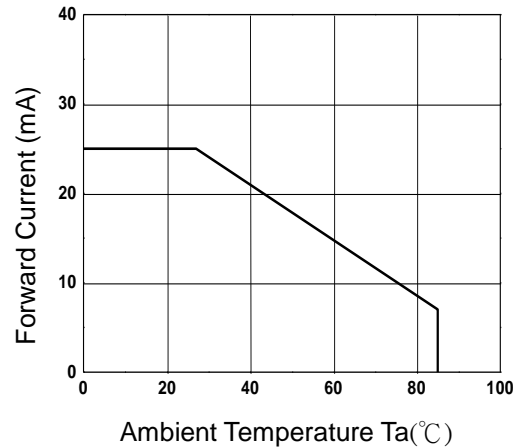
Relative Intensity vs. Forward Current (Ta=25°C)



Relative Intensity vs. Ambient Temp.



Forward Current vs. Ambient Temp.



Moisture Resistant Packing Materials/標籤標識



CAT: Luminous Intensity Rank (unit : mcd)

HUE: Dominant Wavelength Rank (unit : nm)

REF: Forward Voltage Rank (unit : V)

Rank Tolerance:

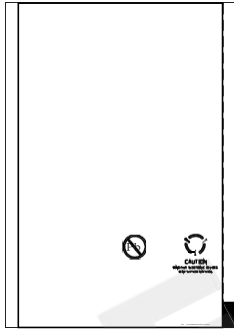
a. Luminous Intensity: $\pm 15\%$

b. HUE: $\pm 1\text{nm}$

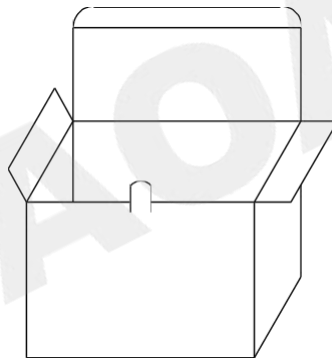
c. Forward Voltage: $\pm 0.1\text{V}$

Packing Specification

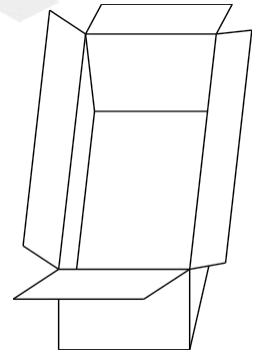
• Anti-electrostatic bag



• Inner Carton



• Outside Carton



Packing Quantity

1.250 PCS/1 Bag, 3 Plates/1 Inner Carton

2.10 Inner Cartons/1 Outside Carton