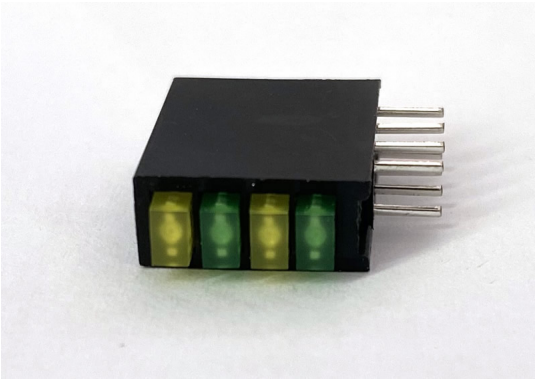
EH-23F-2Y2GD



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

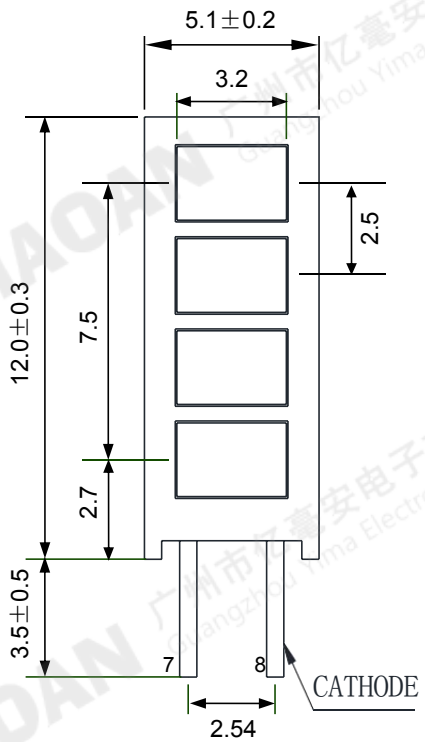
·Communication

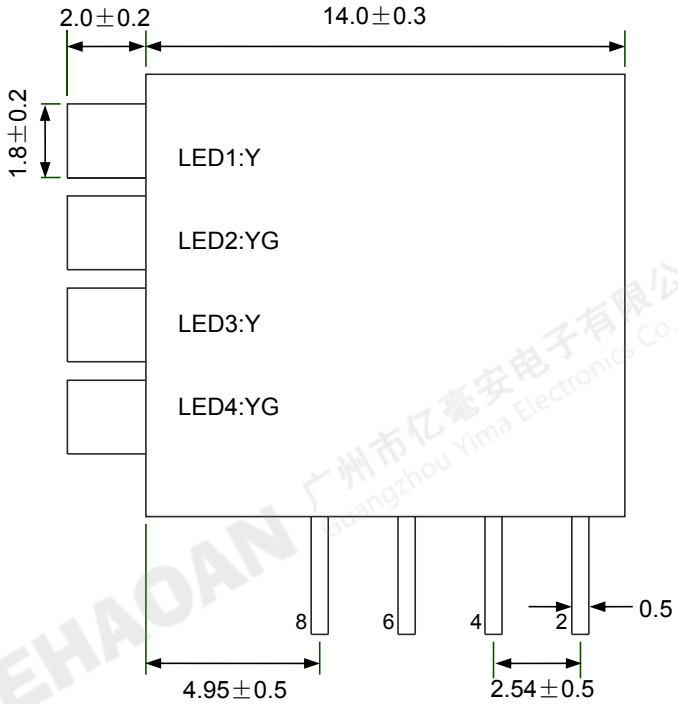
·Industrial

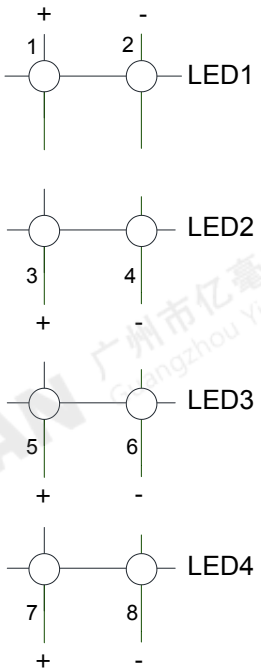
Device Selection Guide

Part No.	Emitted Color	Lens Color(LED)	Manufacturer	Update date
EH-23F-2Y2GD	Yellow Yellow Green	Color Diffused	EHAOAN	2015.08.17

Package Dimensions/尺寸參數







RECOMMENDED P.C.B LAYOUT

Note:

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

Note: Tolerances unless mentioned ±0.1mm. 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.	

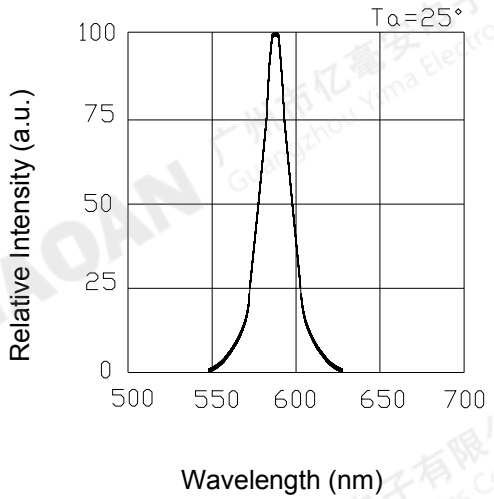
Opto-Electronical Specification/主要光電參數

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	Y	50	100	----	mcd	IF =20mA
		YG	16	32	----		
半光強視角 Viewing Angle	2θ1/2		----	40	----	deg	IF =20mA
主波長 Dominant Wavelength	λ_d	Y	----	589	----	nm	IF =20mA
		YG	----	573	----		
正向電壓 Forward Voltage	V_F	Y	1.7	2.0	2.4	V	IF =20mA
		YG	1.7	2.0	2.4		
反向電流 Reverse Current	IR		----	----	10	uA	VR=5V

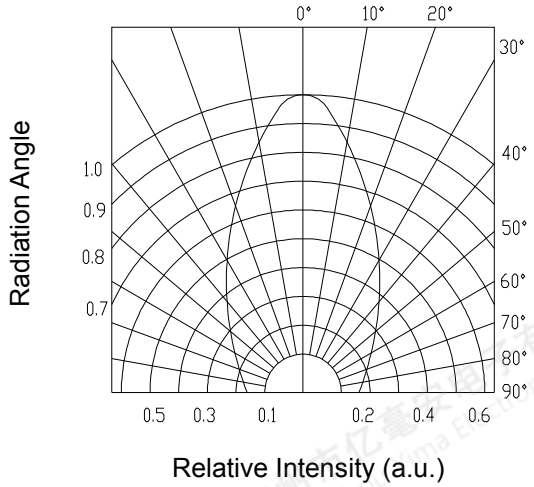
Typical Characteristics Curves/曲線參數

Y

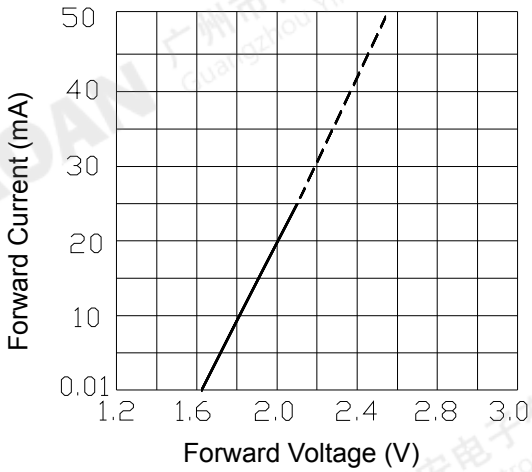
Relative Intensity vs. Wavelength (Ta=25℃)



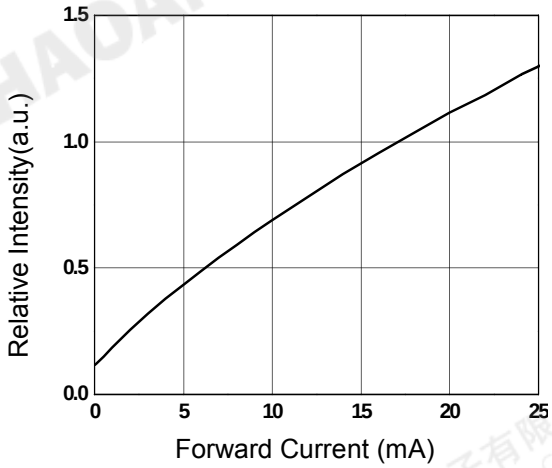
Directivity (Ta=25℃)



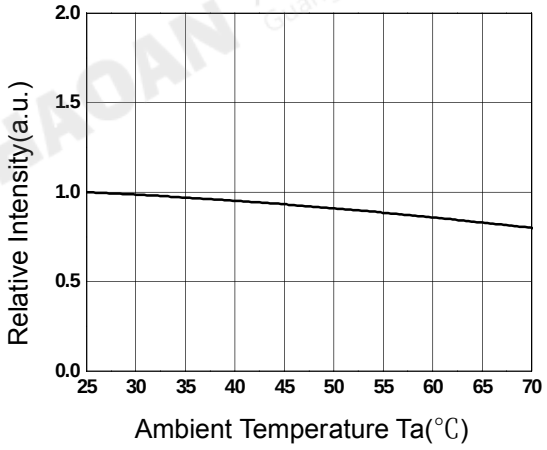
Forward Current vs. Forward Voltage (Ta=25℃)



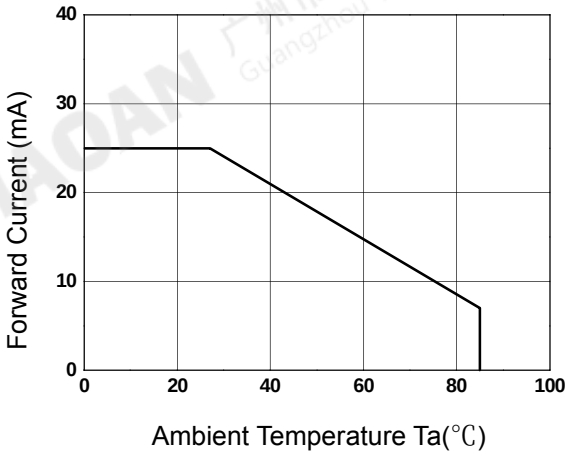
Relative Intensity vs. Forward Current (Ta=25℃)



Relative Intensity vs. Ambient Temp.

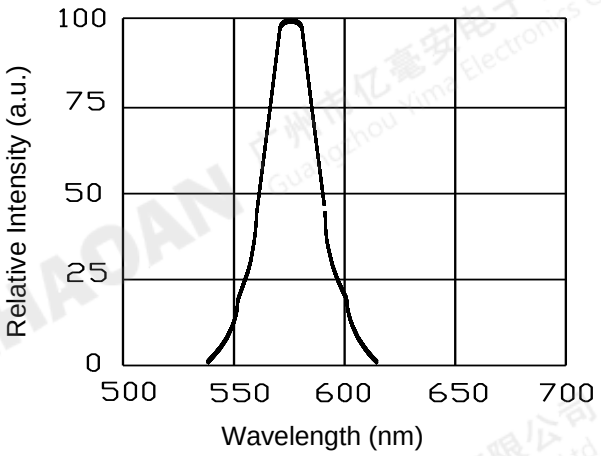


Forward Current vs. Ambient Temp.

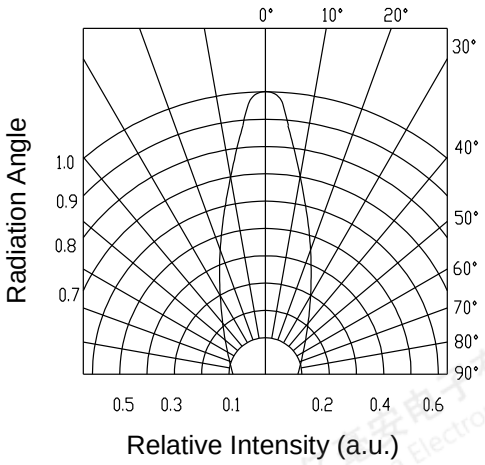


YG

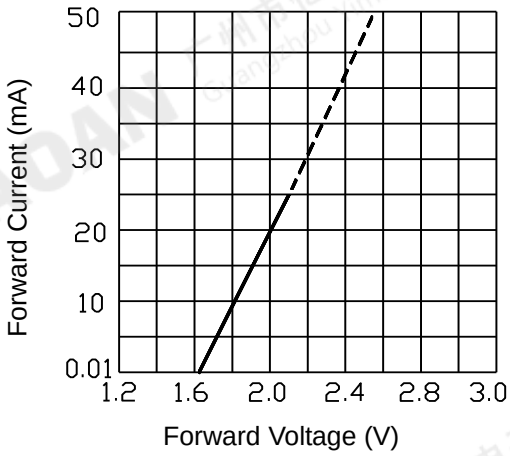
Relative Intensity vs. Wavelength (Ta=25℃)



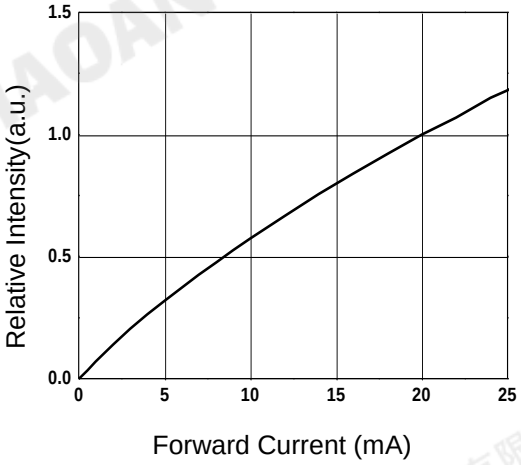
Directivity (Ta=25℃)



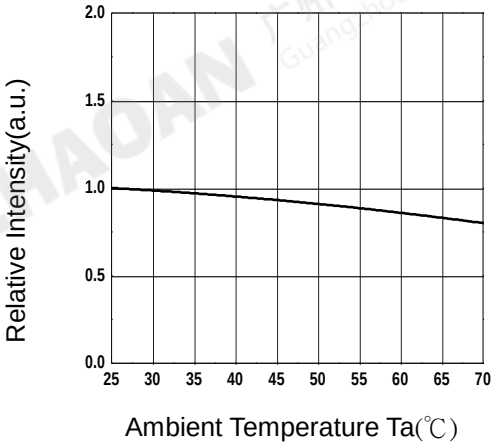
Forward Current vs. Forward Voltage (Ta=25℃)



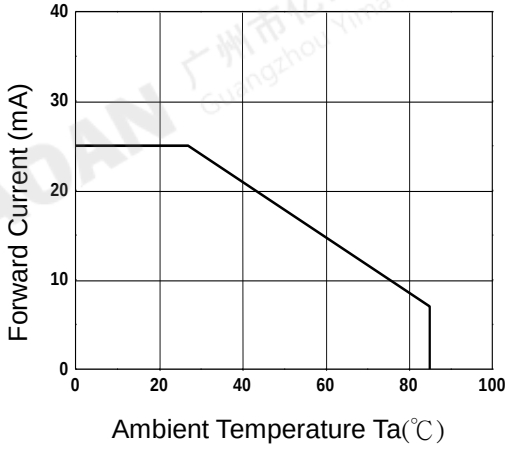
Relative Intensity vs. Forward Current (Ta=25℃)



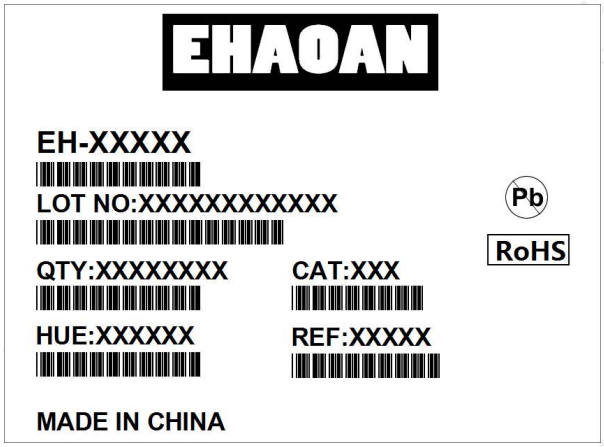
Relative Intensity vs. Ambient Temp.



Forward Current vs. Ambient Temp.



Moisture Resistant Packing Materials/標籤標識



CAT：Ranks

HUE：Peak Wavelength

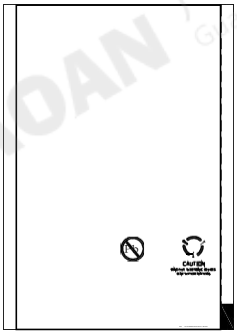
REF：Reference

QTY: Packing Quantity

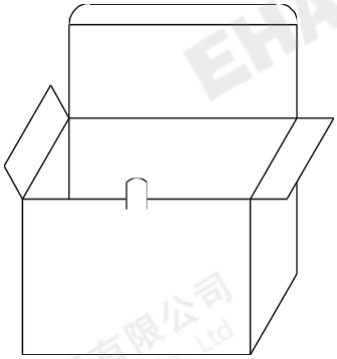
LOT No: Lot Number

Packing Specification

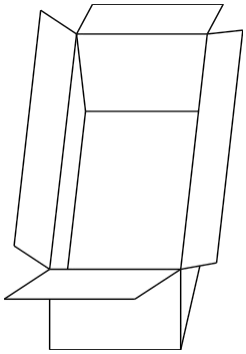
- **Anti-electrostatic bag**



·Inner Carton



·Outside Carton



Packing Quantity

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

2.10 Inner Cartons/1 Outside Carton