

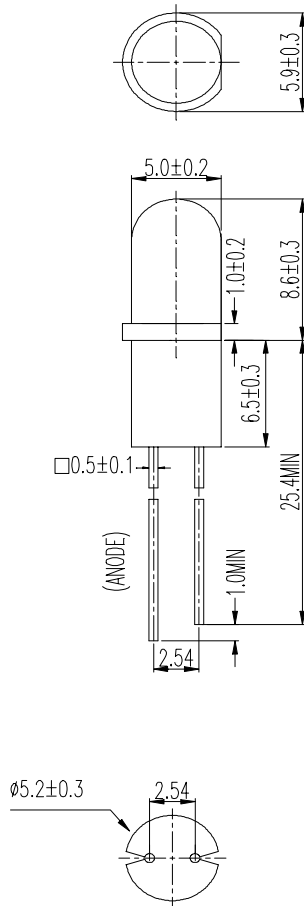


# EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DAE-212-436 REV: 1.0

MODEL NO : A2123B/UBC/C430 ECN : \_\_\_\_\_ Page: 1/5

## ■ Package Dimensions:



## ■ Notes:

- 1.All dimensions are in millimeters, tolerance is 0.25mm except being specified
- 2.Lead spacing is measured where the lead emerges from the package

LED PART NO	Chip		Lens Color
	Material	Emitted Color	
333-2UBC/C430	GaN/SiC	Blue	Water Clear

B89040902,8904090

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Device Number : DAE-212-436 REV: 1.0

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■ Descriptions:

- 1.ARRAY=Plastic Holder+Combination of Lamps
- 2.The array will easily mount the applicable lamps on any panel

■ Features:

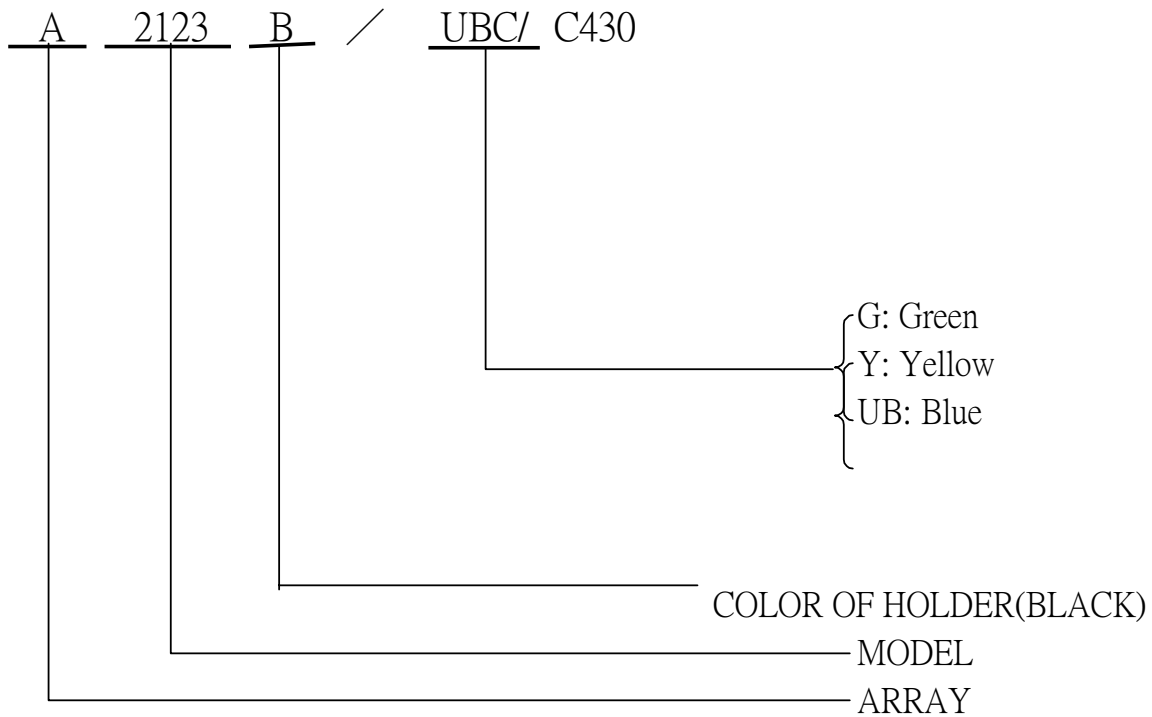
- 1.Low power consumption
- 2.High efficiency and low cost
- 3.Good control and free combinations on the colors of LED lamps
- 5.Good lock and easy to assembly
- 6.Stackable and easy to assembly
- 7.Stackable vertically and easy to assembly
- 8.Versatile mounting on PCB or panel
- 9.Stackable horizontally and easy to assembly

■ Applications:

- 1.Used as indicators of indicating the degrees, functions, positions etc, in electronic instruments.



■ LED LAMP ARRAYS SELECTION GUIDE:





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Device Number : DAE-212-436 REV: 1.0

MODEL NO : A212B/UBC/C430 ECN : \_\_\_\_\_ Page: 4/5

## ■ Absolute Maximum Ratings at Ta= 25°C

Parameter	Symbol	Rating	Unit
Forward Current	If	30	mA
Operating Temperature	Topr	-40 to +85	°C
Storage Temperature	Tstg	-40 to +100	°C
Soldering Temperature	Tsol	260 ± 5	°C
Electrostatic Discharge	ESD	1000	V
Power Dissipation	Pd	70	mW
Peak Forward Current(Duty 1/10 @ 1KHZ)	If(Peak)	140	mA
Reverse Voltage	Vr	5	V

## ■ Electronic Optical Characteristics :

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	Iv	250	400	/	mcd	If= 20 mA
Viewing Angle	2θ 1/2	/	10	/	deg	If= 20 mA
Peak Wavelength	λ p	/	428	/	nm	If= 20 mA
Dominant Wavelength	λ d	/	466	/	nm	If= 20 mA
Spectrum Radiation Bandwidth	Δλ	/	65	/	nm	If= 20 mA
Forward Voltage	Vf	/	3.8	4.5	V	If= 20 mA
Reverse Current	Ir	/	/	50	μA	Vr= 5 V





■ Typical Electro-Optical Characteristic Curves

