

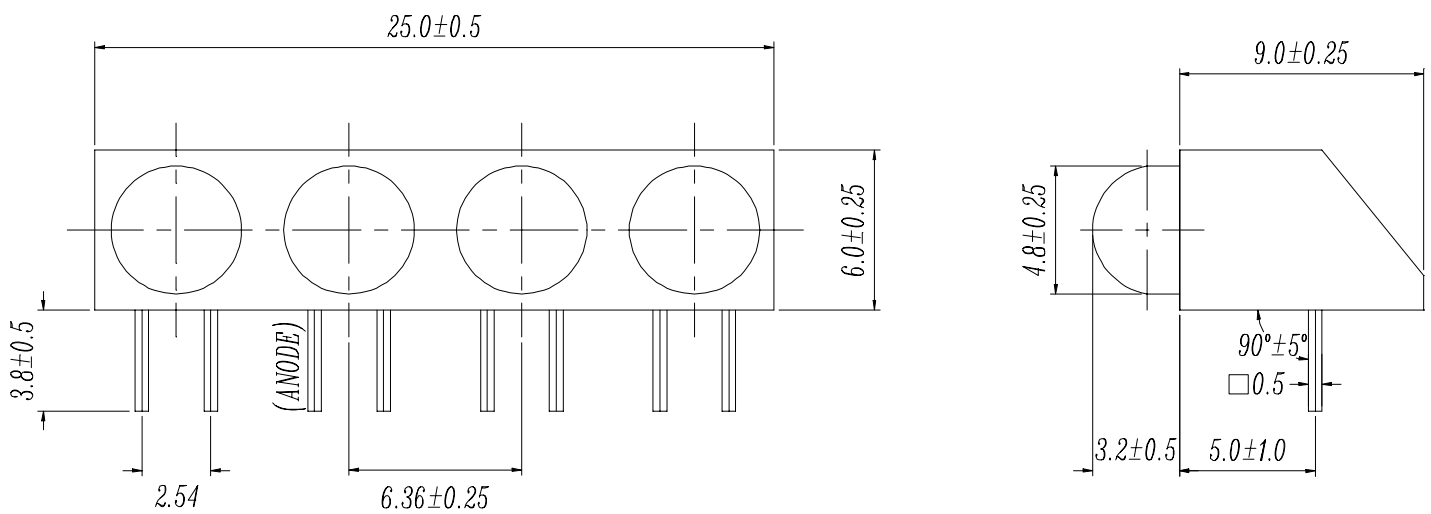


EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DAE-093-400 REV: 1.0

PART NO : A93B/4UY/S530-A2 ECN : Page: 1/5

■ Package Dimension:



■ Notes:

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

LED PART NO	Chip		Lens Color
	Material	Emitted Color	
313-2UYD/S530-A2	AlGaInP	Super Yellow	Yellow Diffused

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Device Number : DAE-093-400 REV: 1.0

PART NO : A93B/4UY/S530-A2 ECN : Page: 2/5

■ Description:

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

■ Feature:

- 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

■ Application:

- 1.Used as indicators of indicating the Degree, Functions, Positions etc, in electronic instruments.

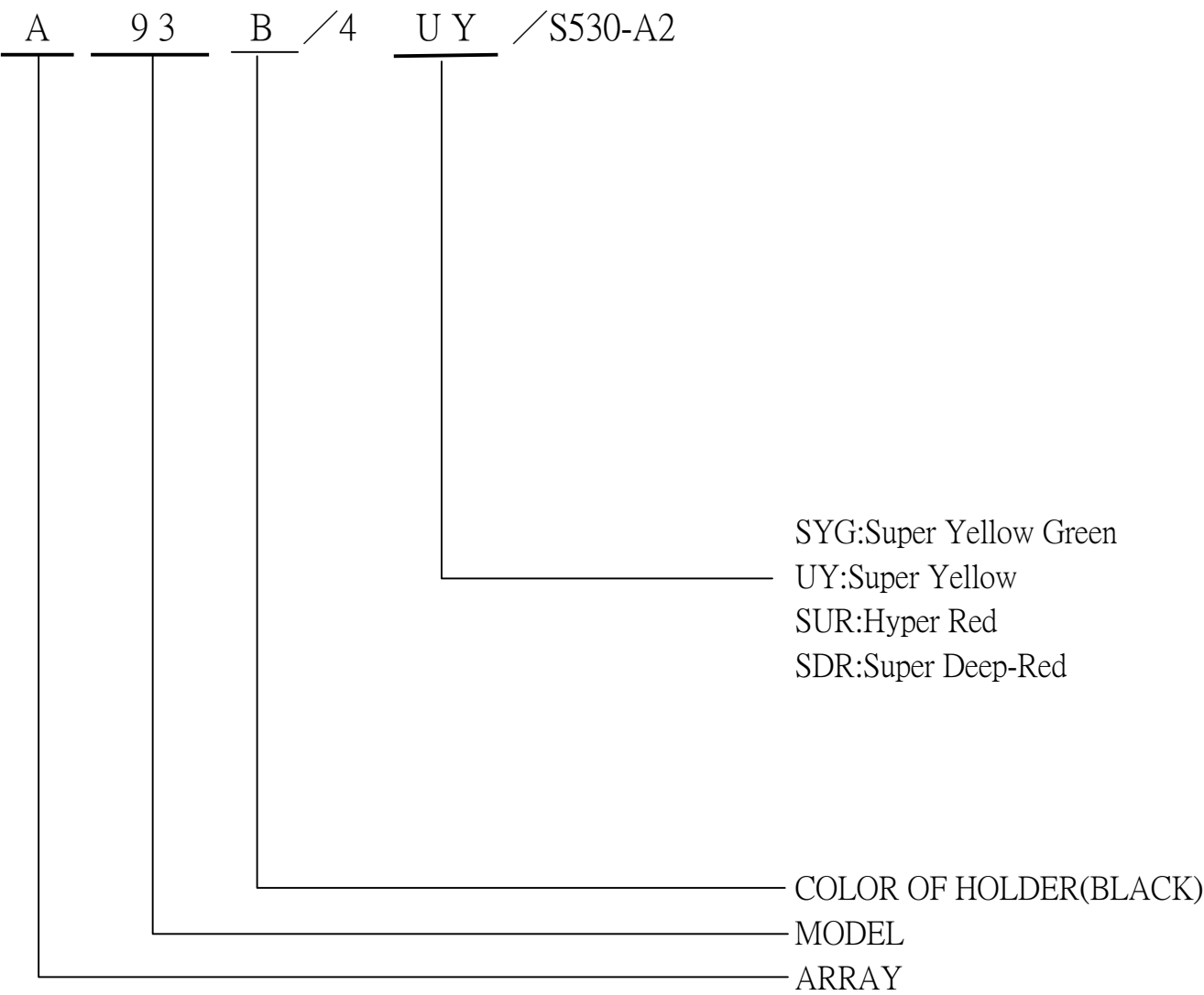


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■ LED LAMP ARRAYS SELECTION GUIDE:





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Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Rating	Unit
Forward Current	If	25	mA
Operating Temperature	Topr	-40 to +85	°C
Storage Temperature	Tstg	-40 to +100	°C
Soldering Temperature	Tsol	260 ± 5	°C
Electrostatic Discharge	ESD	2000	V
Power Dissipation	Pd	60	mW
Peak Forward Current(Duty 1/10 @ 1KHz)	If(Peak)	160	mA
Reverse Voltage	Vr	5	V

Electronic Optical Characteristics :

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous intensity	Iv	---- 50	8.0 130	/	mcd	If= 20 mA
Viewing Angle	2θ 1/2	/	40	/	deg	If= 20 mA
Peak Wavelength	λp	/	591	/	nm	If= 20 mA
Dominant Wavelength	λd	/	589	/	nm	If= 20 mA
Spectrum Radiation Bandwidth	△λ	/	15	/	nm	If= 20 mA
Forward Voltage	Vf	/	2.0	2.4	V	If= 20 mA
Reverse Current	Ir	/	/	10	μA	Vr= 5 V



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■ Typical Electro-Optical Characteristic Curves

