

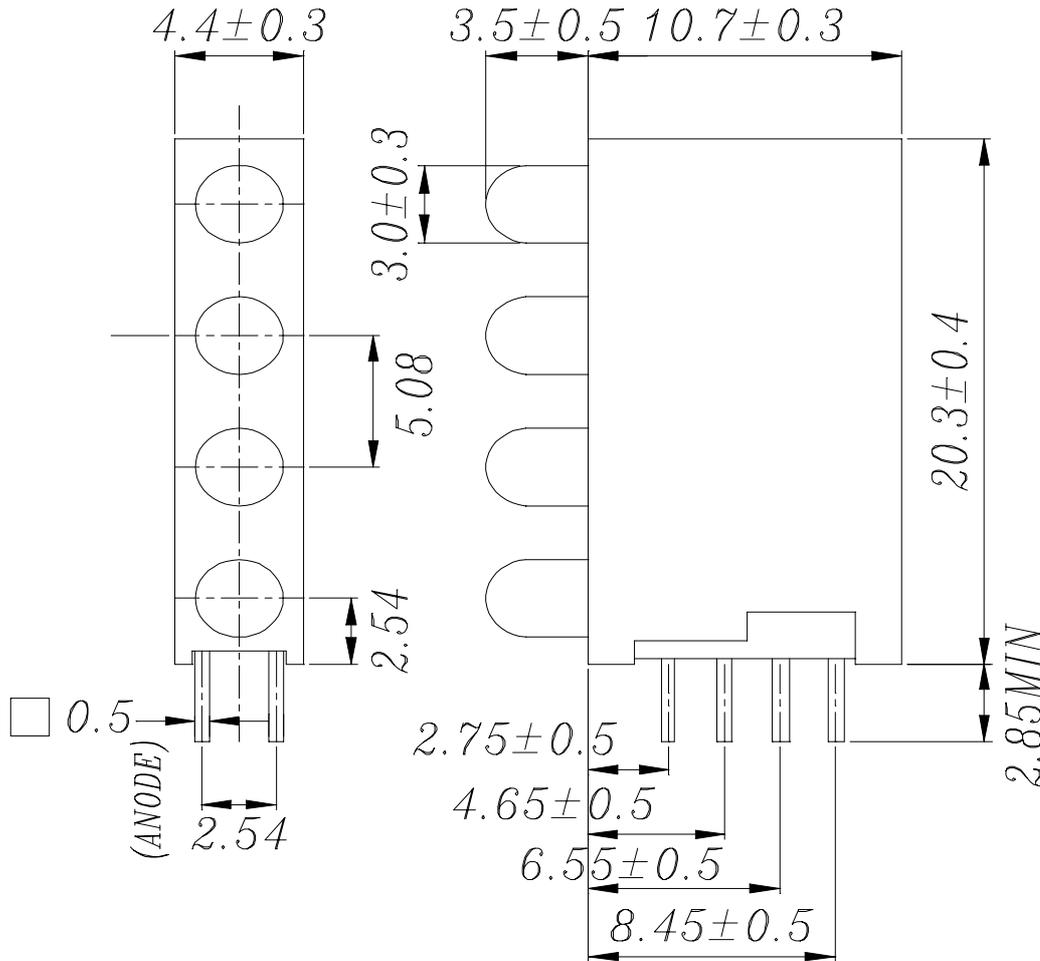


EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DAE-184-464 REV: 1.0

MODEL NO : A1844B/4G 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	
264-10GD/F182-17	GaP	Green	Green Diffused

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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.

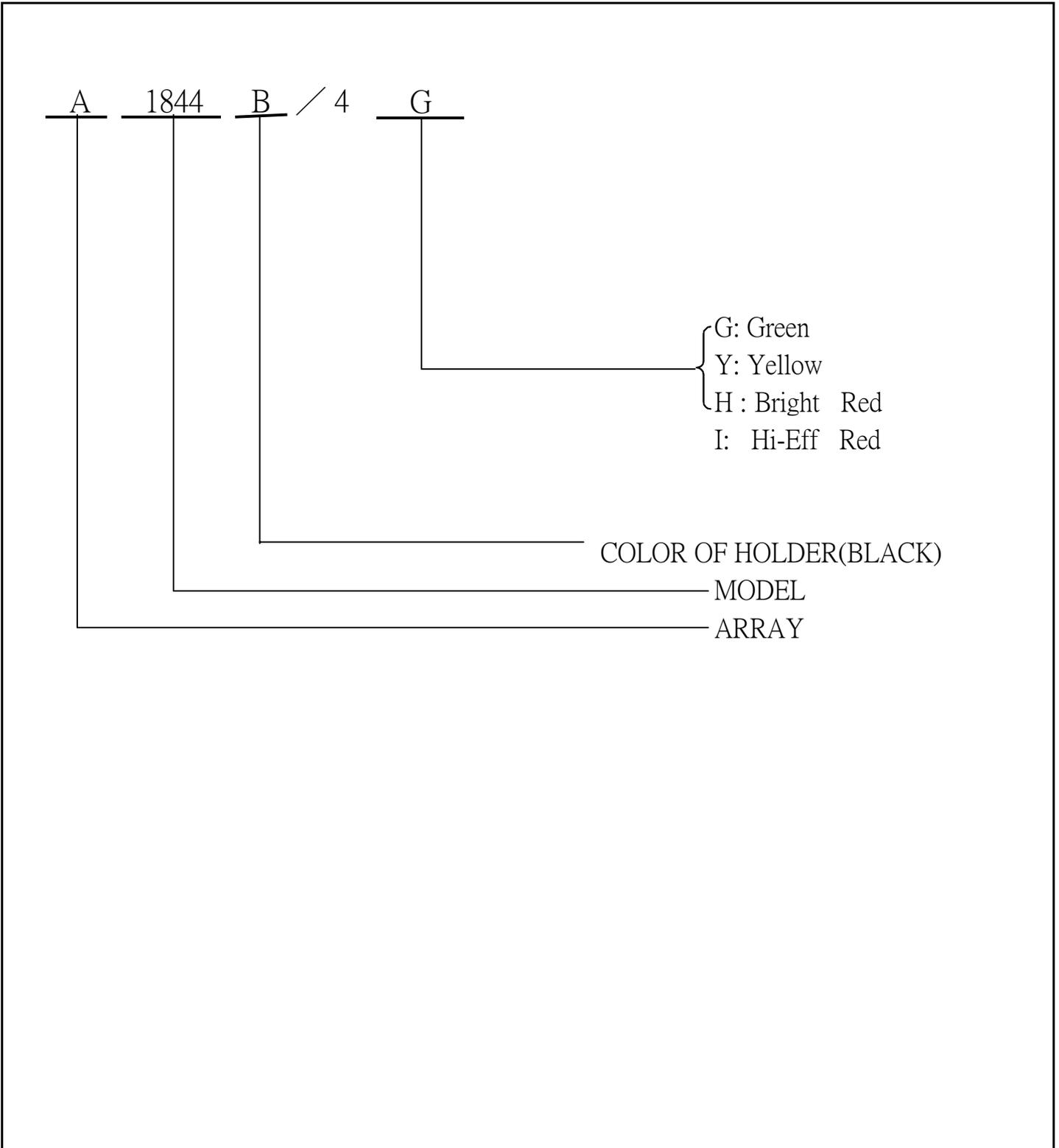


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■ LED LAMP ARRAYS SELECTION GUIDE:





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
Power Dissipation	Pd	100	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	2.5	10	/	565	IF= 10 mA
Viewing Angle	2θ 1/2	/	60	/	deg	IF= 20 mA
Peak Wavelength	λ p	/	565	/	nm	IF= 20 mA
Dominant Wavelength	λ d	/	570	/	nm	IF= 20 mA
Spectrum Radiation Bandwidth	Δ λ	/	30	/	nm	IF= 20 mA
Forward Voltage	VF	1.7	2.1	2.4	V	IF= 20 mA
Reverse Current	IR	/	/	10	μ A	VR= 5 V



■ Typical Electro-Optical Characteristic Curves

