

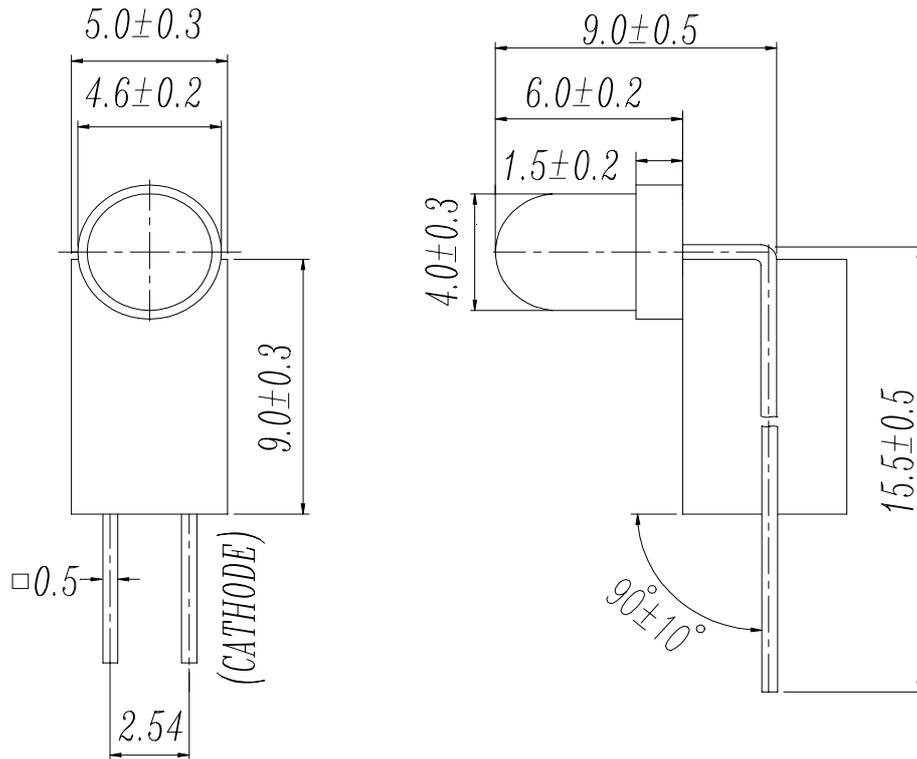


EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DAE-239-003 REV: 1.0

PART NO : A2394B/H/F45-45 ECN : Page: 1/5

■ Package Dimensions:



■ Notes:

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

LED PART NO	Chip		Lens Color
	Material	Emitted Color	
214HD/F45-45	GaP	Bright Red	Red Diffused

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PART NO : A2394B/H/F45-45 ECN : Page: 2/5

■ Descriptions:

- 1.ARRAY=Plastic Holder+Combinations of lamp
- 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 P.C.B or panel
- 9.Stackable horizontally and easy to assembly

■ Applications:

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

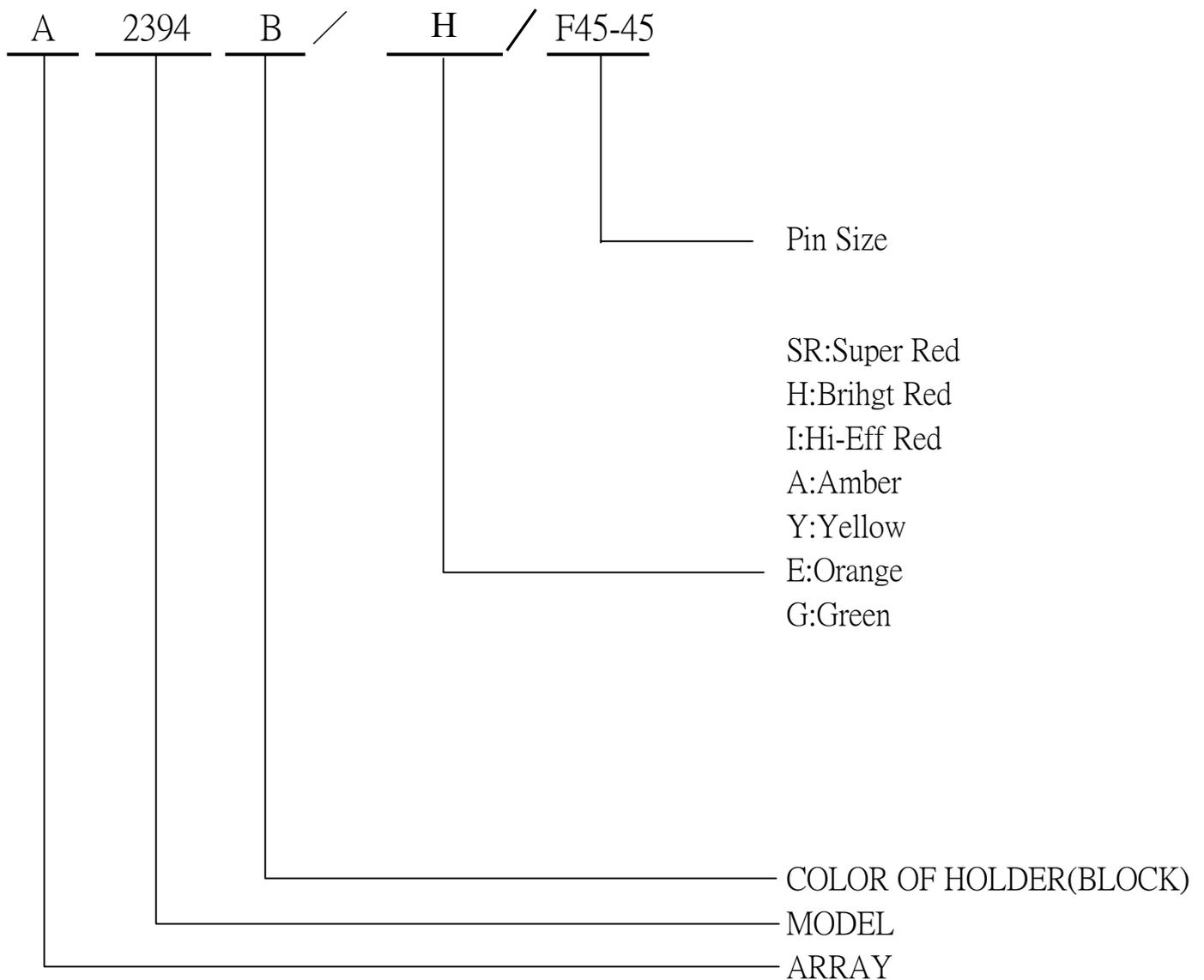


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■ LED LAMP ARRAYS SELECTION GUIDE:





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Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Rating	Unit
Forward Current	I _F	15	mA
Operating Temperature	T _{opr}	-40 to +85	°C
Storage Temperature	T _{stg}	-40 to +100	°C
Soldering Temperature	T _{sol}	260 ± 5	°C
Power Dissipation	P _d	45	mW
Peak Forward Current(Duty 1/10 @ 1KHz)	I _{F(Peak)}	50	mA
Reverse Voltage	V _R	5	V

Electronic Optical Characteristics :

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	I _v	1.0	1.6	----	mcd	I _F = 10 mA
Viewing Angle	2θ 1/2	----	55	----	deg	I _F = 20 mA
Peak Wavelength	λ _p	----	697	----	nm	I _F = 20 mA
Dominant Wavelength	λ _d	----	650	----	nm	I _F = 20 mA
Spectrum Radiation Bandwidth	Δλ	---	90	----	nm	I _F = 20 mA
Forward Voltage	V _F	1.5	2.0	2.4	V	I _F = 20 mA
Reverse Current	I _R	/	/	30	μA	V _R = 5 V



■ Typical Electro-Optical Characteristic Curves:

