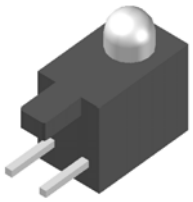
3mm Round LED Lamp Array Bi-Color

VA 158B6RS

Main Features:

◎ Low power consumption
◎ Free combination on the color of LED lamps.
◎ Excellent character appearance
◎ Long life solid state reliability
◎ White diffused lens
◎ AlGaInP technology
◎ High luminous under low current driving condition



Applications

- Lighting indicator
- Status lights
- ON/OFF indicator
- Backlight illumination

RoHS

Pb
pb-free

Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	λ (nm)		Iv(mcd)		VF(Volt)		View Angle	Lens
		λ d	λ p	Min	Typ.	Typ.	Max.		
VA 158B6RS	Yellow-green	573	575	18	30	2.0	2.4	60	Milky
	Amber	605	611	28	55	2.0	2.4		

Absolute Maximum Ratings at Ta=25℃

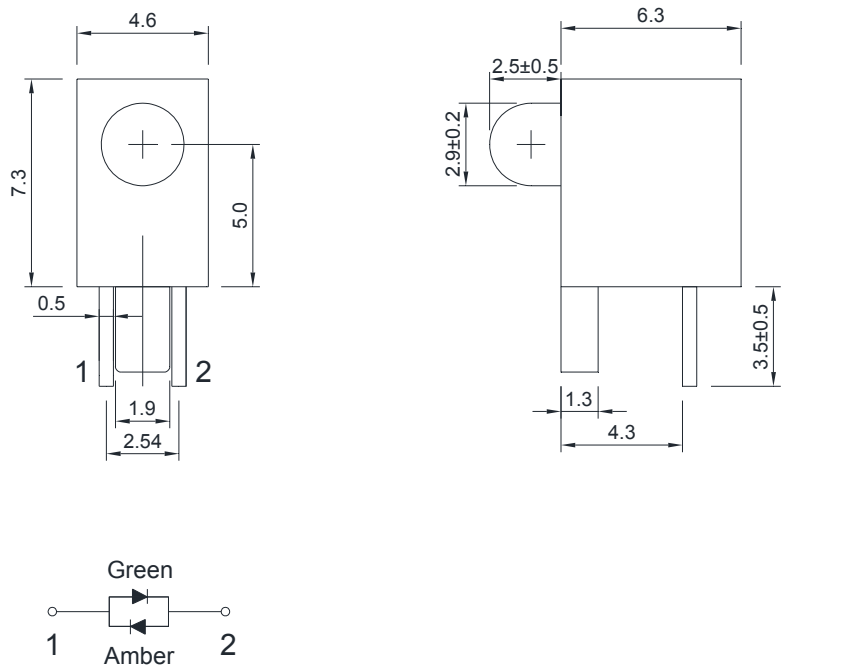
Emitted Color	P_D (mW)	IF(mA)	IFP(mA)	I_R (uA) @VR=5V	Topr (℃)	Tsol(℃	Tstg (℃)
Yellow-green	60	25	100	10	-40~+85	260±5	-40~+90
Amber	60	25	100	10	-40~+85	5 sec.	-40~+90

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specified ratings in this table will result degradation of LED life-span and may cause LED to fail.

＊IFP: Peak Forward Current under 1/10 duty, 1KHz condition

Package Dimension:

unit: mm



Notes:

1. All dimensions are millimeters.
2. Dimensional tolerance is +/- 0.5mm unless otherwise specified.
3. Specifications are subject to change without notice.