

KB1805EC HIGH EFFICIENCY RED

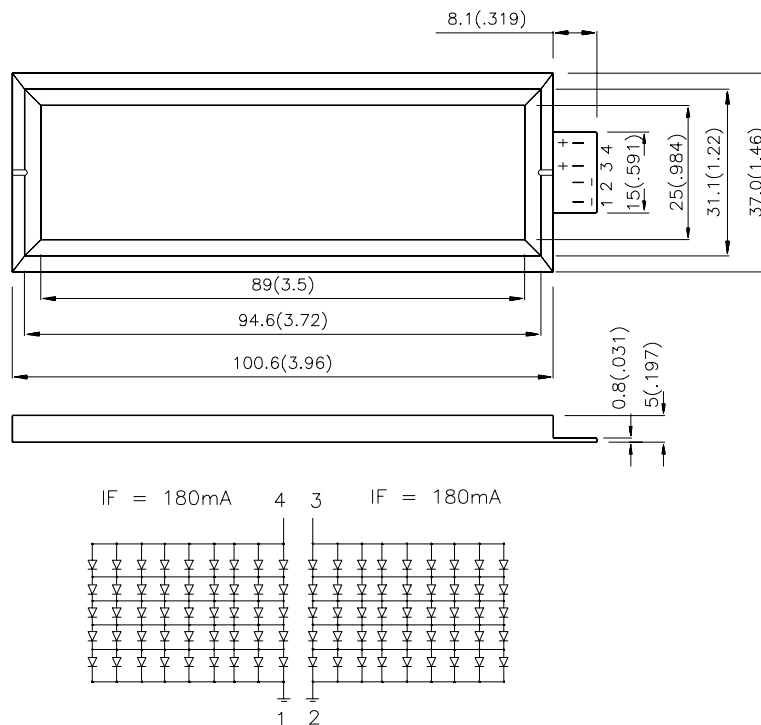
Features

- LOW POWER REQUIREMENTS.
- LARGE AREA, UNIFORM, BRIGHT LIGHT
EMITTING SURFACE.
- EASY FOR INSTALLATION.
- LOW POWER CONSUMPTION.

Description

The High Efficiency Red source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Orange Light Emitting Diode

Package Dimensions & Internal Circuit Diagram

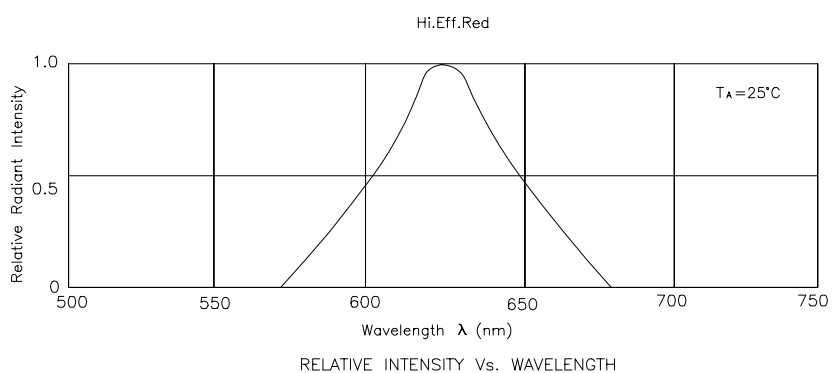


Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subjected to change without notice.

Electrical / Optical Characteristics at $T_A=25^{\circ}\text{C}$

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ_D	Dominate Wavelength	High Efficiency Red	625	-	nm	$I_F=20\text{mA}$
$\Delta\lambda_{1/2}$	Spectral Line Halfwidth	High Efficiency Red	45	-	nm	$I_F=20\text{mA}$
V_F	Operatitng Voltage	High Efficiency Red	10	14	V	$I_F=360\text{mA}$
I_R	Reverse Current	High Efficiency Red	-	10	μA	$V_R=12\text{V}$
I_v	Illuminance	High Efficiency Red	280	-	Lux	$I_F=20\text{mA}$



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