

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Kingbright](#)
[L1034ID](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Kingbright

2mm FLAT TOP LED LAMP

L-1034ID HIGH EFFICIENCY RED

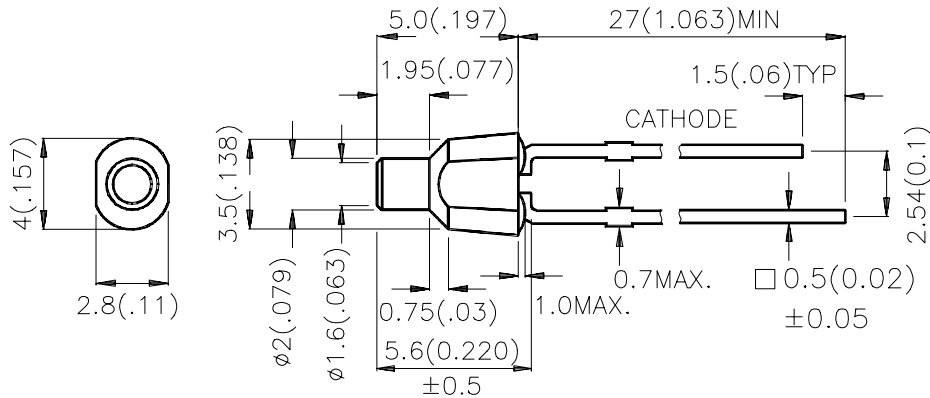
Features

- MOUNTS FLUSH WITH PANEL.
- LOW POWER CONSUMPTION.
- LONG LIFE - SOLID STATE RELIABILITY.

Description

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

Package Dimensions



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 subject to change without notice.



Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @ 10 mA		Viewing Angle
			Min.	Typ.	2θ1/2
L-1034ID	HIGH EFFICIENCY RED (GaAsP/GaP)	RED DIFFUSED	3	8	70°

Note:

1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ _{peak}	Peak Wavelength	High Efficiency Red	627		nm	I _F =20mA
λ _D	Dominate Wavelength	High Efficiency Red	625		nm	I _F =20mA
Δλ _{1/2}	Spectral Line Half-width	High Efficiency Red	45		nm	I _F =20mA
C	Capacitance	High Efficiency Red	15		pF	V _F =0V;f=1MHz
V _F	Forward Voltage	High Efficiency Red	2	2.5	V	I _F =20mA
I _R	Reverse Current	High Efficiency Red		10	uA	V _R =5V

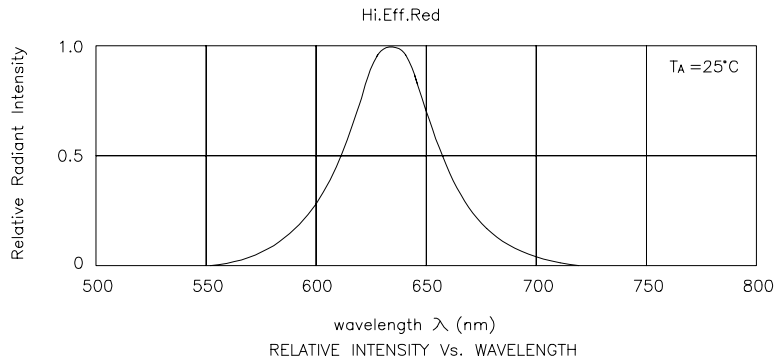
Absolute Maximum Ratings at T_A=25°C

Parameter	High Efficiency Red	Units
Power dissipation	105	mW
DC Forward Current	30	mA
Peak Forward Current [1]	160	mA
Reverse Voltage	5	V
Operating/Storage Temperature	-40°C To +85°C	
Lead Solder Temperature [2]	260°C For 5 Seconds	

Notes:

- 1/10 Duty Cycle, 0.1ms Pulse Width.
- 2mm below package base.

Kingbright



High Efficiency Red L-1034ID

