

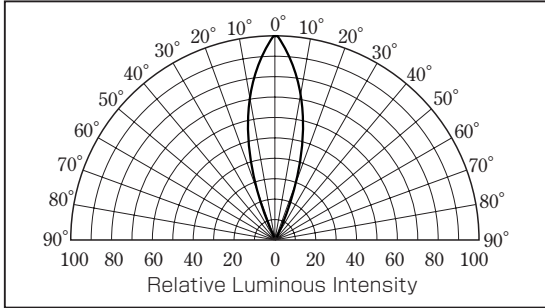
E1L33-3B0A * -02 / E1L33-3G0A * -02



特徴 / Characteristics

- φ3 Round type
- Viewing angle 30° *参考値 *Reference value
- No stand-off type

指向特性 / Directive Characteristics (Ta=25°C)



絶対最大定格 / Absolute Rating Limits (Ta=25°C)

Item	Symbol	Value	Unit
許容損失 Power Dissipation	P _D	120	mW
順方向電流 DC Forward Current	I _F	30	mA
パルス順方向電流 Pulsed Forward Current	I _{FP}	100 * ¹	mA
逆方向直流電圧 Reverse DC Voltage	V _R	5	V
動作温度 Operating Temperature	T _{opr}	-30 ~ +80	°C
保存温度 Storage Temperature	T _{stg}	-40 ~ +100	°C

*¹ Duty 1/10 Pulse Width 100 μs.

電気的・光学的特性 / Electrical and Optical Characteristics (Ta=25°C)

Part No. * ²	Luminous Intensity (mcd) * ³			Forward Voltage (V)			Reverse Current (μA)		Wavelength Characteristics (nm)			
	Typ.	Min.	I _F (mA)	Typ.	Max.	I _F (mA)	Max.	V _R (V)	λ _D Min.	λ _D Max.	Δλ Typ.	I _F (mA)
E1L33-3B0A * -02	880	665	20	3.4	3.9	20	2.0	5	465	475	25	20
E1L33-3G0A * -02	3,325	2,525	20	3.3	3.9	20	2.0	5	520	530	35	20

*² 光度ランクは下表を参照ください。

*³ 軸上光度

*² See table below for Luminous Intensity Ranks.

*³ Axial Direction Luminous Intensity

光度ランク分類 / Luminous Intensity Ranks (Ta=25°C)

Luminous Intensity (mcd)			
Rank	BLUE®	Rank	GREEN®
4	665 ~ 880	5	2,525 ~ 3,325
5	880 ~ 1,160	6	3,325 ~ 4,365
6	1,160 ~ 1,520		

* 光度ランクの指定は弊社までお問い合わせください。

* Please contact our company for designation of Luminous Intensity Ranks.

(I_F=20mA)

荷姿 / Package

- ・バラ / Bulk 200 pieces/bag (Code No.2)
 - ・テープ / Reel 3,000 pieces/reel (Code No.7)
- (example : 200 pieces/bag → E1L33-3B0A2-02)

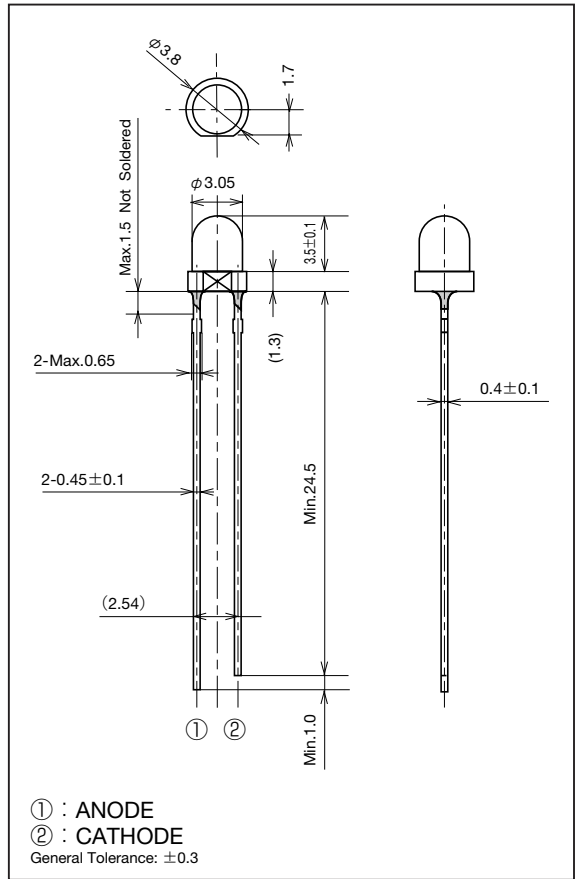
* お問い合わせの際には上記品番をお知らせください。

* Please state the above Part Number when making an inquiry.

取り扱い上の注意 / Note

- ・半田付けは樹脂根元部より5.5mm以上離して行ってください。
- ・When soldering, leave 5.5mm of minimum clearance between the resin bottom and the soldering point.

外形寸法 / Package Outlines (Unit:mm)

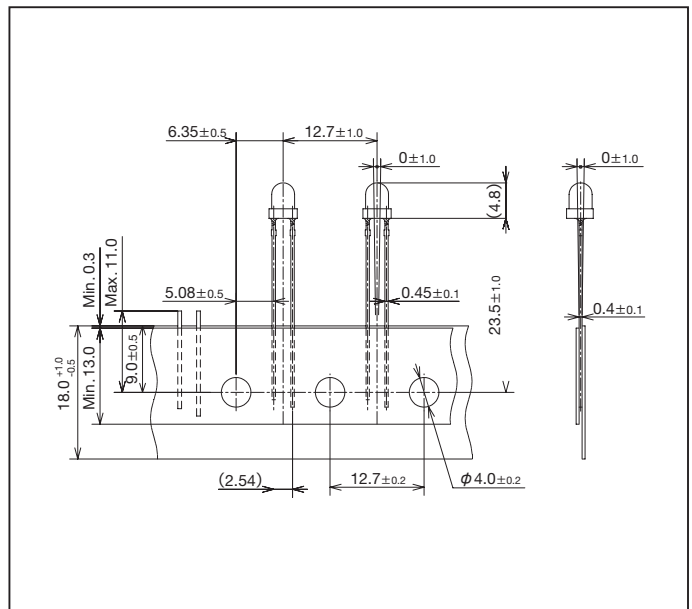


① : ANODE

② : CATHODE

General Tolerance: ±0.3

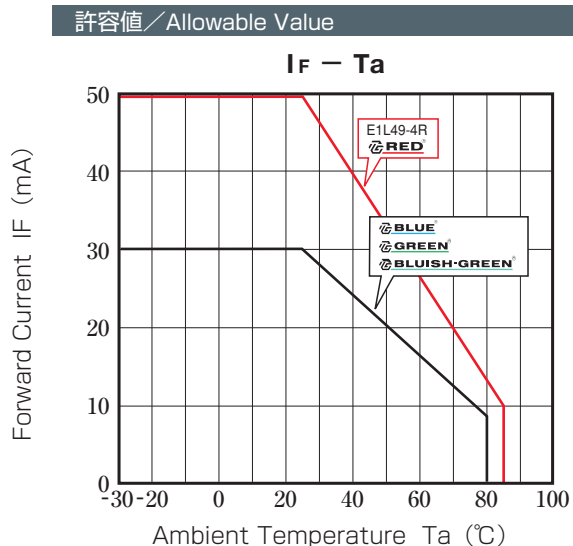
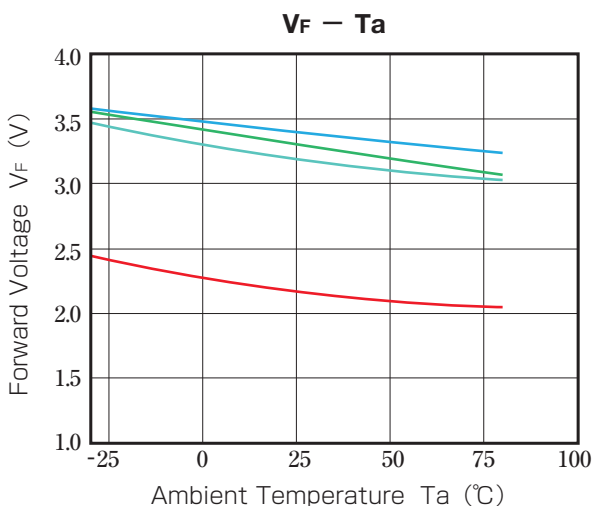
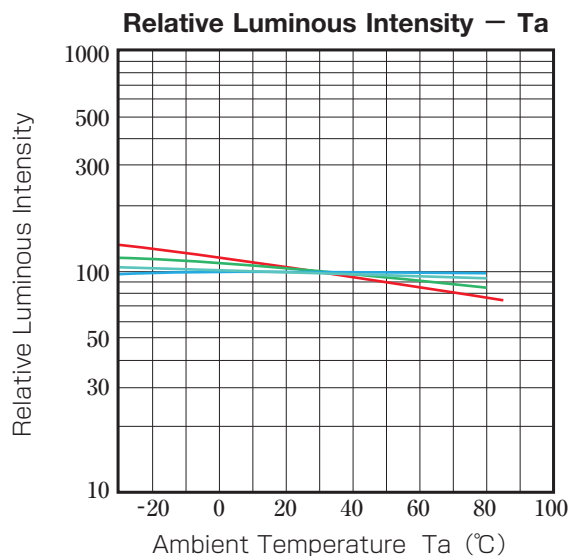
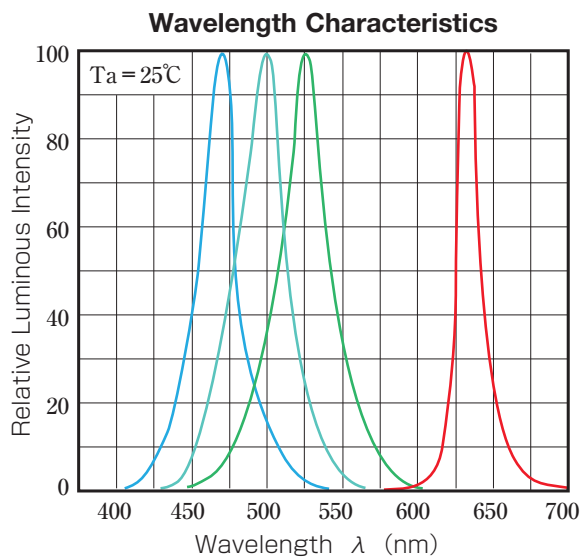
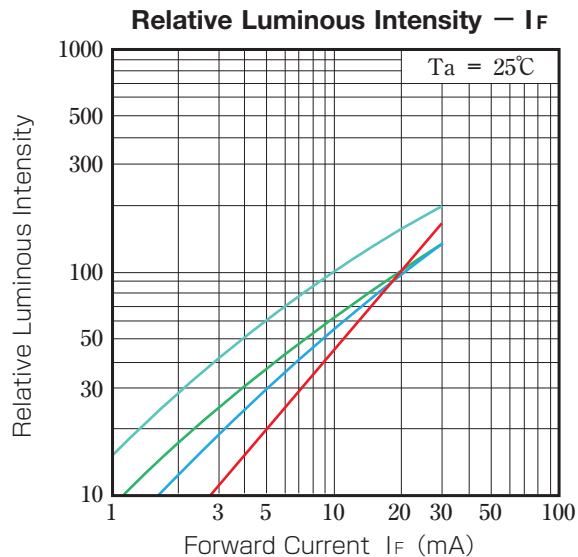
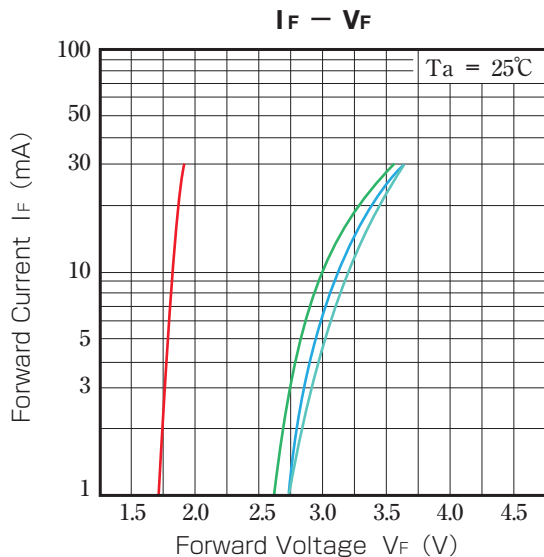
テーピング寸法 / Taping Outline Dimensions (Unit:mm)



Round White
Round Monocolor
Oval Monocolor
SMD White
SMD Monocolor
SMD Multicolor
Purple

代表的特性 / Typical Characteristics

* 本項のデータは代表値です。
 * These graphs show typical values.



許容値 / Allowable Value