



6.0(L)×6.0(W)×5.7(H)mm

● 上面発光・高出力タイプ。

● Top face emitting, high output type.

## ■ 用途 Application

1. データ通信の送信用赤外光源。
2. 各種光センサ用光源。

1. Infrared signal source for communications applications.
2. IR light source for opto-sensors.

### ● 絶対最大定格 Absolute Maximum Rating

(Ta 25°C)

Item	Symbol	Rating	Unit
許容損失 Power dissipation	$P_d$	280	mW
順電流 Forward current	$I_F$	130	mA
パルス順電流 Pulse forward current	$I_{FP}$	1*1	A
逆電圧 Reverse voltage	$V_R$	5	V
動作温度範囲 Operating temperature range	$T_{OP}$	-25~+80	°C
保存温度範囲 Storage temperature range	$T_{ST}$	-30~+85	°C

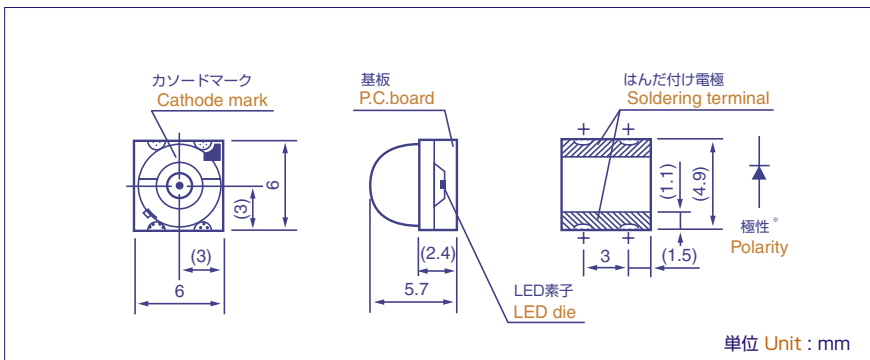
\*1. Duty比 1%以下 f=1KHz Duty ratio ≤ 1% Frequency=1KHz

### ● 電気的光学的特性 Electro-optical Characteristics

(Ta 25°C)

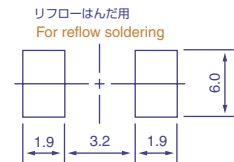
Product code	Lighting color	$V_F(I_F=50\text{mA})$		$\lambda_P$ (nm)	$\Delta\lambda$ (nm)	$I_e(I_F=50\text{mA})$	
		TYP(V)	MAX(V)			MIN (mW/sr)	TYP (mW/sr)
CL-330IRS	赤外 Infrared	1.45	1.9	870	45	80	120

### ● 外形寸法図 Outline drawing

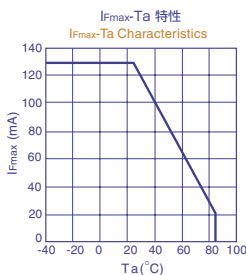
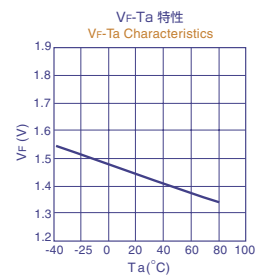
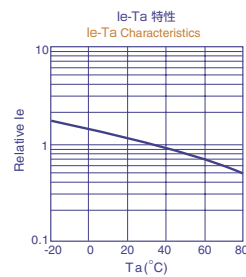
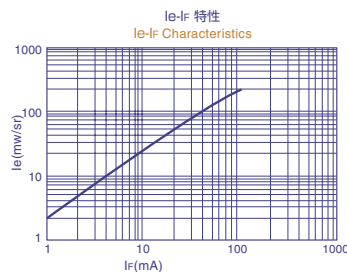
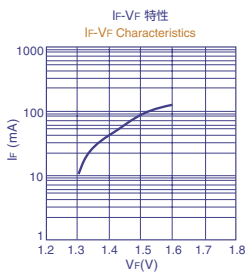


#### 推奨はんだ付けパターン

The following soldering patterns are recommended for reflow soldering:



## ■ 諸特性 Characteristics



#### 指向特性 Directive Characteristics

