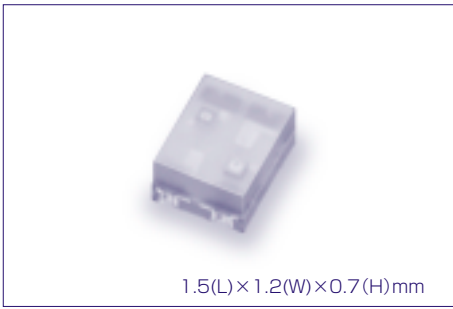


CL-165 シリーズ

Multi-Color Upward-Lighting Type **CL-165 Series**



- 2色発光タイプの小型チップLEDです。
- 2-colored illuminated type compact chip LED

●絶対最大定格/Absolute Maximum Rating (Ta 25°C)

Series	Lighting color	P ^{※1} (mW)	Pd (mW)	I _F (mA)	I _{FP} (mA)	V _R (V)	T _{op} (°C)	T _{st} (°C)
CL-165	YG	90	65	25	100 ^{※2}	5	-25~+80	-30~+85
	HR		78	30				

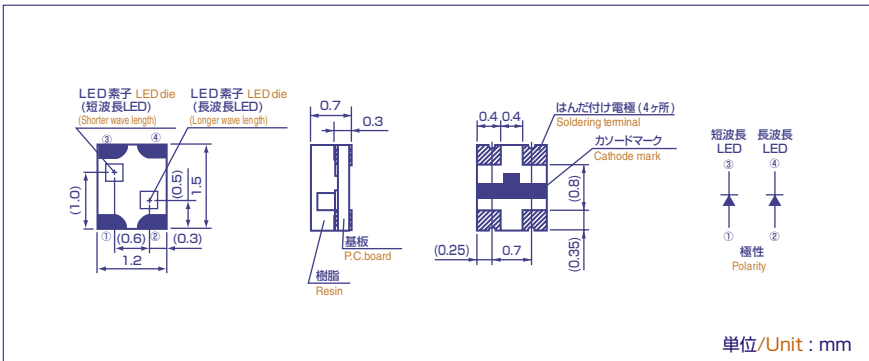
- ※1 Pは同時点灯時の全許容損失を示します。
- ※1 P means total value of power dissipation when both colors are on.
- ※2 I_{FP}の条件はduty 1/10、パルス巾30msecです。
- ※2 Condition for I_{FP} is pulse of 1/10 duty and 30msec width.

●電気的光学的特性/Electro-optical Characteristics (Ta 25°C)

Product code	Lighting color	V _F			λ _p typ (nm)	Δλ typ (nm)	I _v [*]		
		I _F (mA)	typ (V)	max (V)			I _F (mA)	min (mcd)	typ (mcd)
CL-165HR/YG	Yellow green	20	2.2	2.6	570	30	20	5.0	18
	High brightness red	20	1.8	2.6	660	20	20	5.0	23

- ※NIST規格に準拠
- ※Per NIST standards

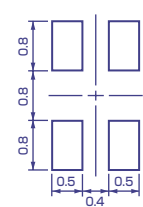
●外形寸法図/Outline drawing



推奨はんだ付けパターン

The following soldering patterns are recommended for reflow soldering:

リフローはんだ用
For reflow soldering



■ 諸特性 / Characteristics

