

T-41-19

■特徴

1. 単色発光タイプです。
2. 外形寸法は3.2(L)×1.6(W)×1.1(H)mmの標準型です。
3. 発光色は標準輝度タイプが赤・橙・黄・黄緑・緑・新緑・純緑の7色。高輝度タイプが赤・橙の2色、超高輝度タイプは赤の1色です。

■Features

1. Mono-color type
2. Dimensions: 3.2(L)×1.6(W)×1.1(H)mm, being a standard size
3. Standard brightness type has seven colors such as red, orange, yellow, yellow green, green, fresh green and pure green. Super brightness type has two colors of red and orange. Ultra brightness type has one color of red.

CHIP LEDs



CL-150シリーズ
CL-150 Series

■絶対最大定格/Absolute Maximum Ratings

(Ta 25°C)

シリーズ Series	Pd (mW)	I _F (mA)	I _{FP} (mA)	V _R (V)	Top (°C)	Tst (°C)
CL-150	65	25	100*1	5	-25~+80	-30~+85

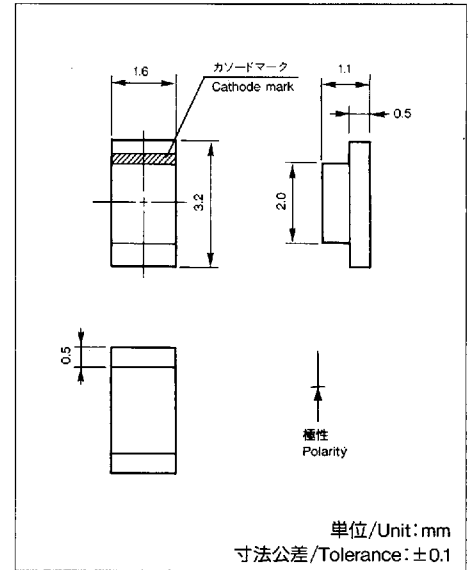
*1 I_{FP}の条件はduty 1/10、パルス中0.1msecです。
*1 Condition for I_{FP} is pulse of 1/10 duty and 0.1msec width.

■電気的光学的特性/Electro-optical Characteristics

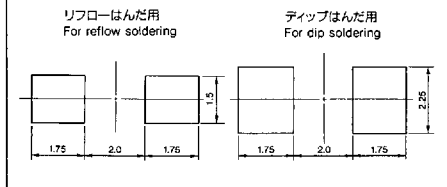
(Ta 25°C)

部品コード Code for parts	発光色 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-150R	Red	20	2.2	2.6	700	100	20	1.0	2.4
CL-150D	Orange	20	2.2	2.6	605	40	20	4.5	13.0
CL-150Y	Yellow	20	2.1	2.6	589	40	20	5.0	12.0
CL-150YG	Yellow green	20	2.2	2.6	570	30	20	10.0	35.0
CL-150G	Green	20	2.2	2.6	567	26	20	5.0	20.0
CL-150FG	Fresh green	20	2.2	2.6	560	26	20	4.5	13.0
CL-150PG	Pure green	20	2.2	2.6	557	24	20	2.0	6.0
CL-150SR	Super brightness red	20	2.0	2.6	650	40	20	3.2	9.0
CL-150SD	Super brightness orange	20	2.0	2.6	630	40	20	4.5	13.0
CL-150UR	Ultra brightness red	20	1.8	2.6	660	20	20	7.0	25.0

■外形寸法/Outline drawing



推奨はんだ付けパターン
The following soldering patterns are recommended for reflow and dip-soldering:



■諸特性/Characteristics

