



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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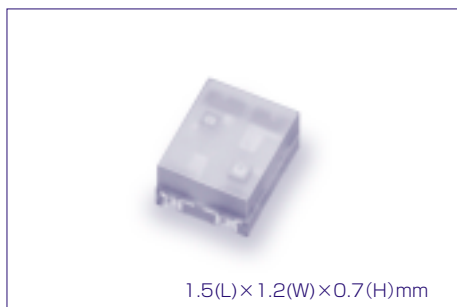
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CL-165 Series

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-color illuminated type compact chip LED

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

Series	Color variation	P ^{*1} (mW)	Pd (mW)	I _F (mA)	I _{FP} (mA)	V _R (V)	Top (°C)	Tst (°C)
CL-165	YG	90	65	25	100 ^{*2}	5	-25~+80	-30~+85
	HR		78	30				

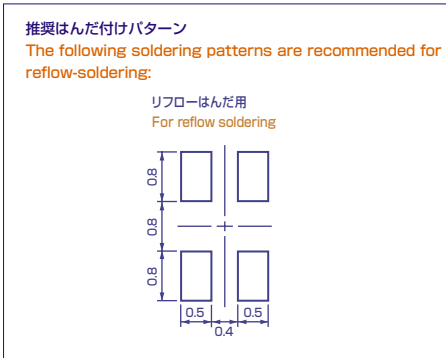
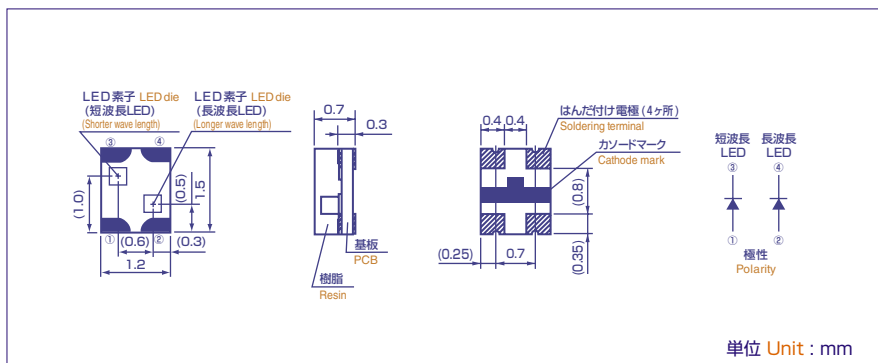
※1 Pは同時点灯時の全許容損失を示します。
 ※1 P means total value of power dissipation when both colors are on.
 ※2 I_{FP}の条件はduty 1/10、パルス巾30msecです。
 ※2 Conditions for I_{FP} are pulse of 1/10 duty and 30msec width.

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

Product code	Color variation	V _F			λ _d 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	575	30	20	5.0	18
	High brightness red	20	1.8	2.6	640	20	20	5.0	23

※NIST規格に準拠
 ※Per NIST standards

●外形寸法図 Outline drawing



■ 諸特性 Characteristics

