CL-165 シリーズ

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

1.5(L)×1.2(W)×0.7(H)mm

● 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℃)

Series	Lighting color	P※1 (mW)	Pd (mW)	I_F (mA)	I_{FP} (mA)	V_R (V)	Top (℃)	Tst (℃)
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.

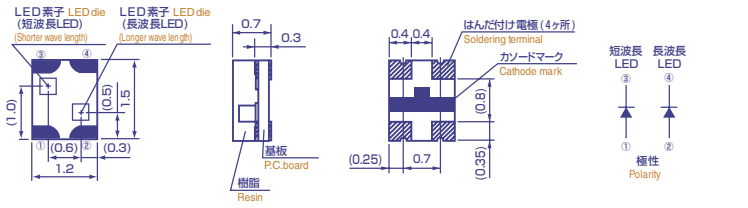
●電気的光学的特性/Electro-optical Characteristics (Ta 25℃)

Product code	Lighting color	V_F I_F (mA)	V_F typ (V)	V_F max (V)	λ_P typ (nm)	$\Delta\lambda$ typ (nm)	I_V※ I_F (mA)	I_V※ min (mcd)	I_V※ 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

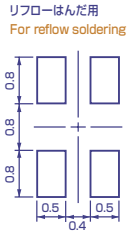
●外形寸法図/Outline drawing



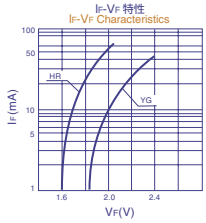
単位/Unit : mm

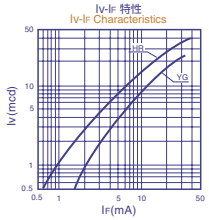
推奨はんだ付けパターン

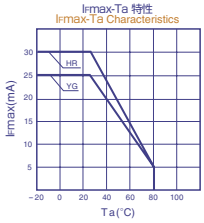
The following soldering patterns are recommended for reflow-soldering:

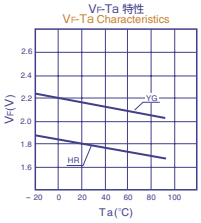


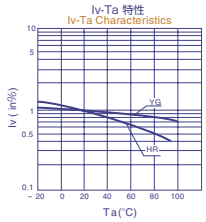
■ 諸特性／Characteristics

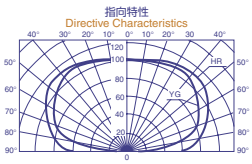












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