

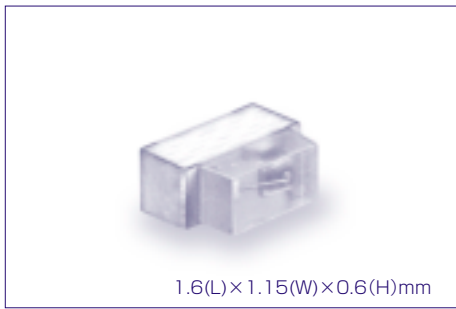


**THE DATASHEET OF  
CL-270YG-C-TS**



# CL-270 Series

Mono-Color Side-Lighting Type **CL-270 Series**



1.6(L)×1.15(W)×0.6(H)mm

● 小型のチップLEDです。

● Compact chip LED

発光色のラインアップにつきましては、発注時にお問い合わせの上、ご確認ください。

Please contact us at the time of order for the lineup of luminescent colors.

## ●絶対最大定格 Absolute Maximum Rating

(Ta 25°C)

Product code	Pd (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)	V <sub>R</sub> (V)	Top (°C)	Tst (°C)
CL-270 (UR,HRを除く Except UR and HR)	50	20	100*1	5	-25~+80	-30~+85
CL-270UR/HR	78	30				

\*1 I<sub>FP</sub>の条件はduty 1/10、パルス巾30msecです。

\*1 Conditions for I<sub>FP</sub> are pulse of 1/10 duty and 30msec width.

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

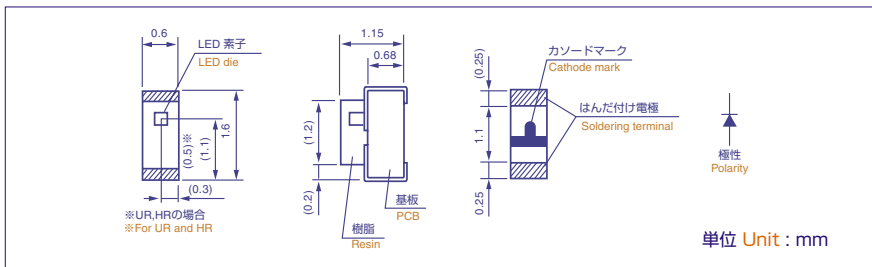
(Ta 25°C)

Product code	Color variation	V <sub>F</sub>			λ <sub>d</sub> typ (nm)	Δλ typ (nm)	I <sub>v</sub> * I <sub>F</sub> (mA)		
		I <sub>F</sub> (mA)	typ (V)	max (V)			min (mcd)	typ (mcd)	
CL-270R	Red	20	2.2	2.6	645	100	20	0.5	1.3
CL-270D	Orange	20	2.2	2.6	600	40	20	2.4	7.1
CL-270Y	Yellow	20	2.1	2.6	589	40	20	2.6	6.4
CL-270YG	Yellow green	20	2.2	2.6	575	30	20	5	18
CL-270G	Green	20	2.2	2.6	570	26	20	2.5	10
CL-270FG	Fresh green	20	2.2	2.6	567	26	20	2.2	6.5
CL-270PG	Pure green	20	2.2	2.6	559	24	20	1	3
CL-270SR	Super brightness red	20	2	2.6	640	40	20	1.5	4.3
CL-270SD	Super brightness orange	20	2	2.6	620	40	20	2	6.2
CL-270UR	Ultra brightness red	20	1.8	2.6	650	20	20	3.5	13
CL-270HR	High brightness red	20	1.8	2.6	640	20	20	5	23

\*NIST規格に準拠

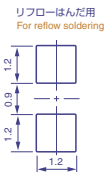
\*Per NIST standards

## ●外形寸法図 Outline drawing

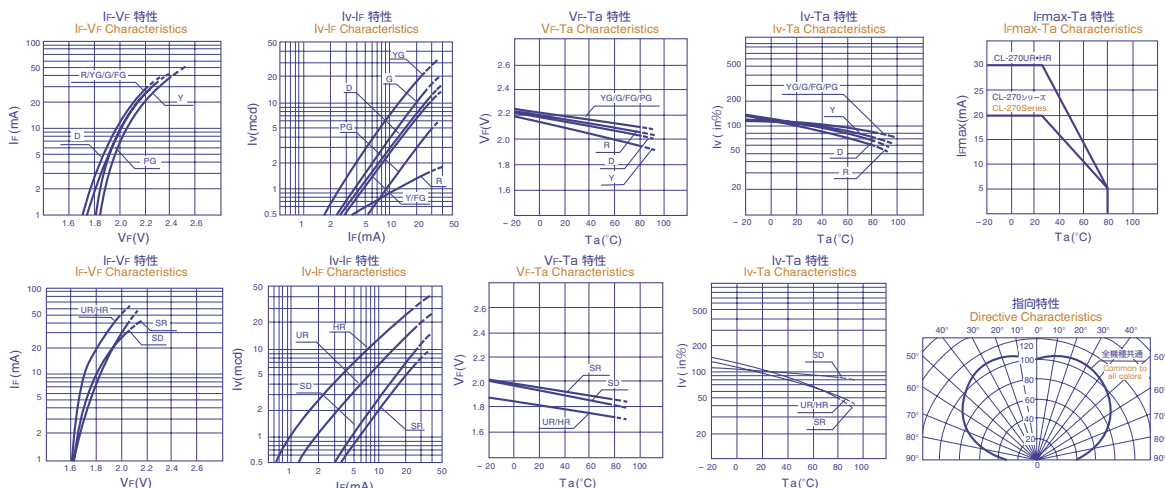


### 推奨はんだ付けパターン

The following soldering patterns are recommended for reflow-soldering:





## ■ 諸特性 Characteristics



## Looking for pricing, stock, or lifecycle information?

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