

# CL-198S シリーズ

Mono-Color Upward-Lighting Type **CL-198S Series**



1.6(L)×0.8(W)×0.2(H)mm

● 小型・超薄型の白色LEDです。

● Compact and ultra-thin white LED

## ●絶対最大定格/Absolute Maximum Rating\*1

(Ta 25°C)

Product code	Pd (mW)	IF (mA)	IFP*2 (mA)	VR (V)	Top (°C)	Tst (°C)
CL-198S-WR	76	20	50	5	-25~+80	-30~+85
CL-198S-WS	76	20	50	5	-25~+80	-30~+85

\*1 1素子当たりの値です。/The values are based on 1-die performance.

\*2 IFPの条件はduty 1/10、パルス巾30msecです。/Condition for IFP is pulse of 1/10 duty and 30msec width.

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

(Ta 25°C)

Parameter		Symbol	Conditions	MIN	TYP	MAX	Unit	
順電圧/ Forward Voltage*1	CL-198S-WR	VF	IF=5mA	—	2.9	3.15	V	
	CL-198S-WS			—	2.9	3.15		
逆電流/Reverse Current*1		IR	VR=5V	—	—	2	μA	
光度/ Luminous Intensity*2	CL-198S-WR	Iv	IF=5mA	140	200	—	mcd	
	CL-198S-WS			180	260	—		
色度座標/Chromaticity coordinates*3		x, y	IF=5mA	x(±0.02) y(±0.02)				
				a	0.28	0.24		
				b	0.28	0.30		
				c	0.35	0.39		
				d	0.35	0.29		

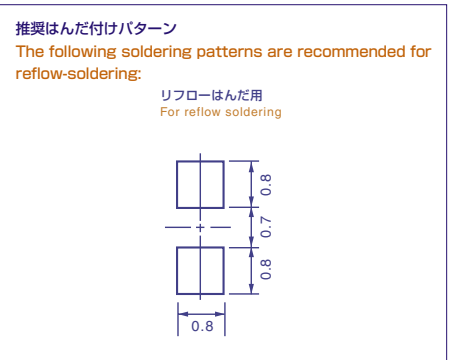
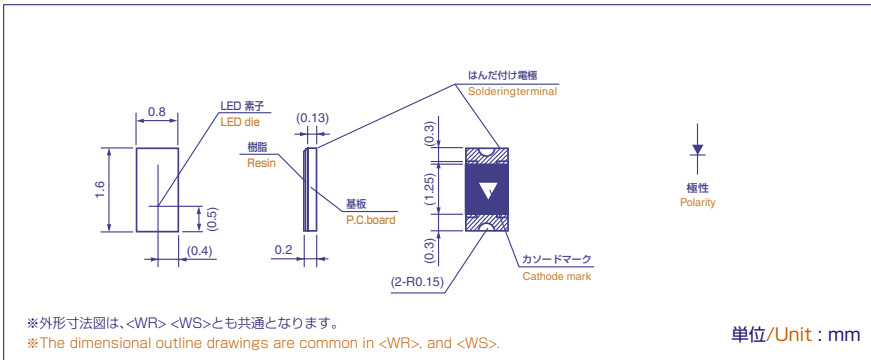
\*1 1素子当たりの値です。/The values are based on 1-die performance.

\*2 NIST規格に準拠、各素子同時点灯時の値です。

Compliant with NIST. The values are based on the condition that each die lights simultaneously.

\*3 色度座標は、a、b、c、dに囲まれた範囲です。/Chromaticity coordinates is surrounded with a,b,c,d.

## ●外形寸法図/Outline drawing



## ■ 諸特性 / Characteristics

\* <WS>につきましてはカタログ不掲載のため、詳細につきましてはお問い合わせください。

\* <WS> are not listed in this catalog. Please consult with us for details.

