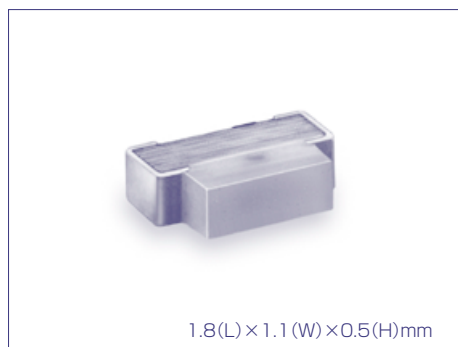


側面発光型高輝度白色 LED CL-480S シリーズ

High Brightness White LED CL-480S Series ■ Side-lighting Type



● 側面発光として実装可能な超薄型小型チップLEDです。

● Very-small-sized and thin chip LED which makes right-angle mounting available.

● 絶対最大定格/Absolute Maximum Rating

(Ta 25°C)

Series	Pd (mW)	IF (mA)	IFP (mA)	VR (V)	Top (°C)	Tst (°C)
CL-480S-WH	35	10	100※1	5	-25~+80	-30~+85

※1 IFPの条件はduty 1/10、パルス巾0.1msecです。/Condition for IFP is pulse of 1/10 duty and 0.1msec width.

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

<WH>

(Ta 25°C)

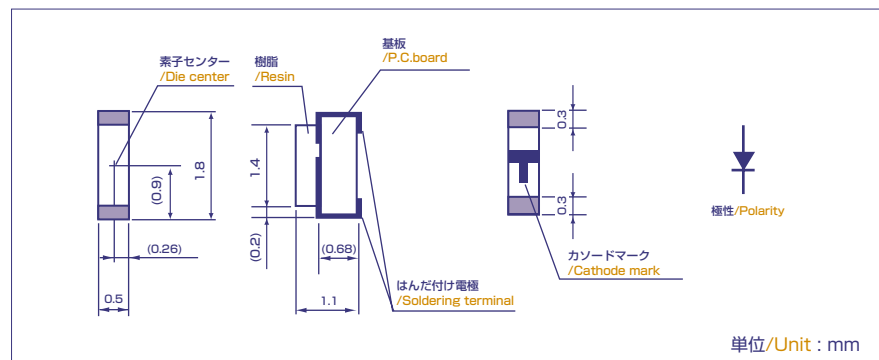
Parameter	Symbol	Conditions	MIN	TYP	MAX	Unit
順電圧/Power Voltage※1	VF	IF=10mA	—	3.15	3.5	V
逆電流/Reverse Current※1	IR	VR=5V	—	—	100	μA
光度/Luminous Intensity※2	Iv	IF=10mA	99	200	—	mcd
色度座標 /Chromaticity coordinates※3	x, y	IF=10mA	x(±0.02)		y(±0.02)	
			a	0.27	0.22	
			b	0.27	0.29	
			c	0.35	0.40	
			d	0.35	0.33	

※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/Per NIST standards.

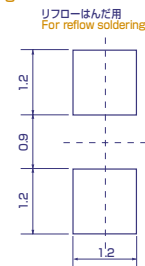
※3 色度座標は、a、b、c、dに囲まれた範囲です。/Chromaticity coordinates is surrounded with a,b,c,d

● 外形寸法図/Outline drawing



推奨はんだ付けパターン

The following soldering patterns are recommended for reflow-soldering:



■ 諸特性/Characteristics

