



● 超小型・超薄型の白色LEDです。

● Ultra-compact and ultra-thin white LED

●絶対最大定格/Absolute Maximum Rating※1

(Ta 25℃)

Product code	Pd (mW)	IF (mA)	IFP※2 (mA)	VR (V)	Top (℃)	Tst (℃)
CL-282S-WZ	33	10	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duty1/10、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℃)

Parameter	Symbol	Conditions	MIN	TYP	MAX	Unit
順電圧/Forward Voltage※1	VF	IF=5mA	—	2.9	3.15	V
逆電流/Reverse Current※1	IR	VR=5V	—	—	2	μA
光度/Luminous Intensity※2	IV	IF=5mA	—	250	—	mcd
色度座標/ Chromaticity coordinates※3	x, y	IF=5mA		x(±0.02)	y(±0.02)	
			a	0.28	0.236	
			b	0.28	0.301	
			c	0.34	0.386	
			d	0.34	0.353	

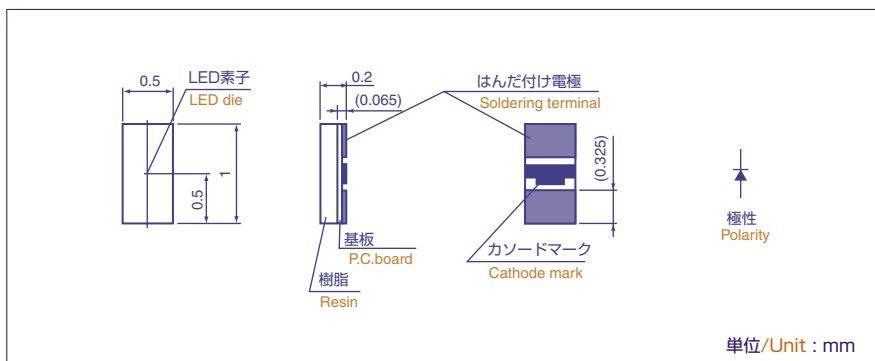
※1 1素子当たりの値です。/The values are based on 1-die performance.

※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.

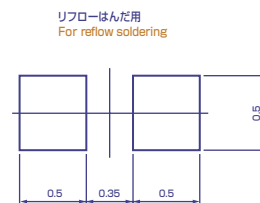
※3 色度座標は、a、b、c、dに囲まれた範囲です。/Chromaticity coordinates is surrounded with a,b,c,d.

●外形寸法図/Outline drawing



推奨はんだ付けパターン

The following soldering patterns are recommended for reflow-soldering:



■ 諸特性/Characteristics

