

5.0(L)×8.0(W)×2.45(H)mm

- リフレクター付きの高出力タイプです。
- High output type with reflector equipped.

●絶対最大定格/Absolute Maximum Rating^{※1}

(Ta 25°C)

Product code	Pd (mW)	I _F (mA)	I _{FP} ^{※2} (mA)	V _R (V)	Top (°C)	Tst (°C)
CL-120S-8WQ	72	20	100	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 I_{FP}の条件はduty 1/10、パルス巾30msecです。/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°C)

Parameter	Symbol	Conditions	MIN	TYP	MAX	Unit
順電圧/Forward Voltage ^{※1}	V _F	I _F =20mA	—	3.2	3.6	V
逆電流/Reverse Current ^{※1}	I _R	V _R =5V	—	—	100	μA
光度/Luminous Intensity ^{※2}	I _v	I _F =20mA	—	24	—	cd
色度座標/ Chromaticity coordinates ^{※3}	x, y	I _F =20mA	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				

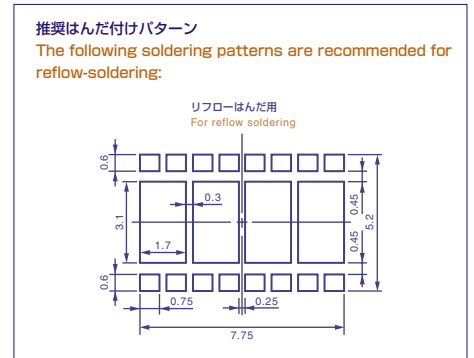
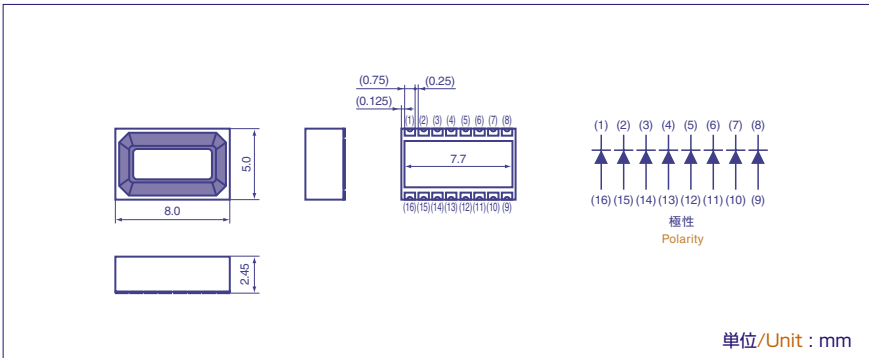
※1 1素子当たりの値です。/The values are based on 1-die performance.

※2 NIST規格に準拠、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



■ 諸特性 / Characteristics

