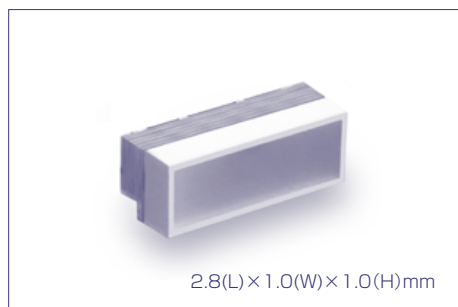


高輝度白色LED CL-430S シリーズ

High Brightness White LED CL-430S Series



● 薄型バックライト用のLEDです。推奨導光板は1.0mm厚です。

● LED for thin-shaped backlight. Recommended thickness of optical waveguide is 1.0 mm

●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-430S-WF	135	30	100※1	5	-25~+80	-30~+85

※1 IFPの条件はduty1/10、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

<WF>

(Ta 25°C)

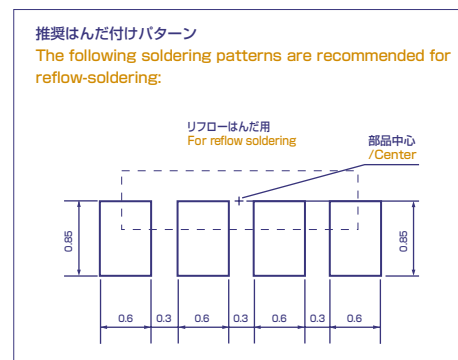
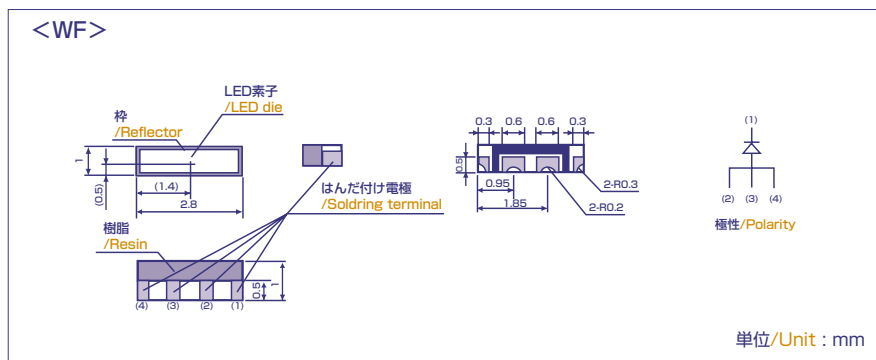
Parameter	Symbol	Conditions	MIN	TYP	MAX	Unit
順電圧/Power Voltage※1	VF	IF=20mA	—	3.7	4.2	V
逆電流/Reverse Current※1	IR	VR=5V	—	—	100	μA
光度/Luminous Intensity※2	Iv	IF=20mA	450	700	—	mcd
色度座標 /Chromaticity coordinates※3	x, y	IF=20mA	x(±0.02)		y(±0.02)	
			a	0.268	0.228	
			b	0.252	0.247	
			c	0.271	0.285	
			d	0.318	0.340	
			e	0.349	0.365	
			f	0.344	0.331	
			g	0.318	0.298	
			h	0.284	0.256	

※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、e、f、g、hに囲まれた範囲です。/Chromaticity coordinates is surrounded with a,b,c,d,e,f,g,h

●外形寸法図/Outline drawing



■ 諸特性 / Characteristics

