

CL-480S シリーズ

Mono-Color Side-Lighting Type CL-480S Series



● 小型の白色LEDです。

● Compact 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-480S-WR	76	20	50	5	-25~+80	-30~+85
CL-480S-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.

●電氣的光学的特性/Electro-optical Characteristics

(Ta 25℃)

Parameter	Symbol	Conditions	MIN	TYP	MAX	Unit
順電圧/ Forward Voltage※1	VF	CL-480S-WR IF=5mA	—	2.9	3.15	V
		CL-480S-WS IF=5mA	—	2.9	3.15	
逆電流/Reverse Current※1	IR	VR=5V	—	—	100	μA
光度/ Luminous Intensity※2	Iv	CL-480S-WR IF=5mA	40	85	—	mcd
		CL-480S-WS IF=5mA	—	150	—	
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	0.321	

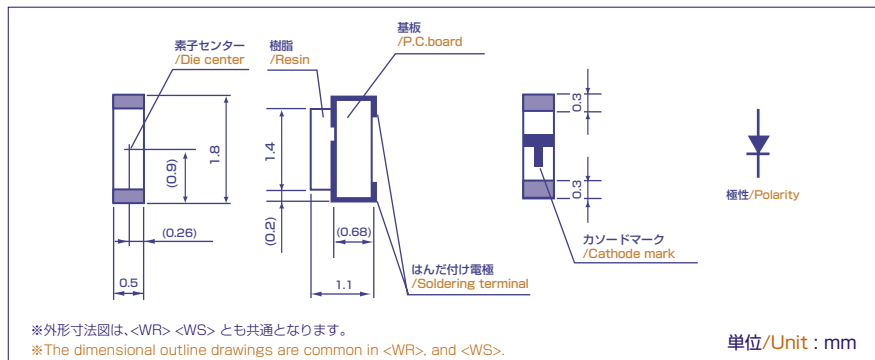
※1 1素子当たりの値です。/The values are based on 1-die performance.

※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

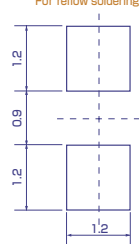


※外形寸法図は、<WR> <WS> と共通となります。

※The dimensional outline drawings are common in <WR>, and <WS>.

推奨はんだ付けパターン

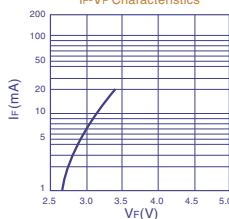
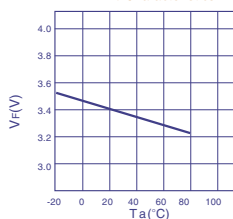
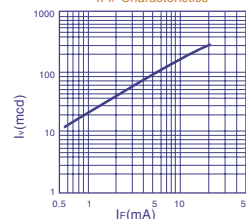
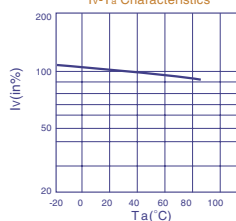
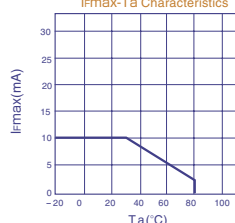
The following soldering patterns are recommended for reflow-soldering:

リフローはんだ用
For reflow soldering

■ 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.

IF-VF 特性
IF-VF CharacteristicsVF-Ta 特性
VF-Ta CharacteristicsIv-IF 特性
Iv-IF CharacteristicsIv-Ta 特性
Iv-Ta CharacteristicsIvmax-Ta 特性
Ivmax-Ta Characteristics指向特性
Directive Characteristics