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CITIZEN ELECTRONICS

CITIZEN ELECTRONICS CL-270HR-C-TS CITI LED



Please contact us at the time of order for the lineup of luminescent colors.

Absolute Maximum Rating

Product code	Pd (mW)	IF (mA)	IFP (mA)	VR (V)	Top (℃)	Tst (℃)
CL-270 (UR,HRを除く) Except UR and HR	50	20	100※1	5	-25～+80	-30～+85
CL-270UR/HR	78	30				

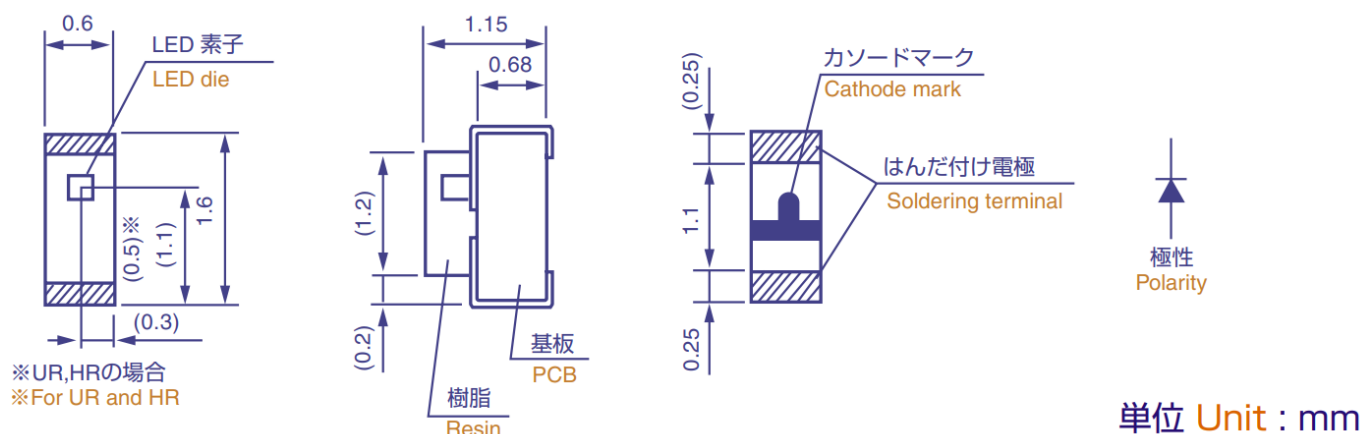
- Conditions for IFP are a pulse of 1/10 duty and 30msec width.

Electro-optical Characteristics

Product code	Color variation	V _F			λ_d typ (nm)	$\Delta \lambda$ typ (nm)	I _V [※]		
		I _F (mA)	typ (V)	max (V)			I _F (mA)	min (mcd)	typ (mcd)
CL-270R	Red	20	2.2	2.6	645	100	20	0.5	1.3
CL-270D	Orange	20	2.2	2.6	600	40	20	2.4	7.1
CL-270Y	Yellow	20	2.1	2.6	589	40	20	2.6	6.4
CL-270YG	Yellow green	20	2.2	2.6	575	30	20	5	18
CL-270G	Green	20	2.2	2.6	570	26	20	2.5	10
CL-270FG	Fresh green	20	2.2	2.6	567	26	20	2.2	6.5
CL-270PG	Pure green	20	2.2	2.6	559	24	20	1	3
CL-270SR	Super brightness red	20	2	2.6	640	40	20	1.5	4.3
CL-270SD	Super brightness orange	20	2	2.6	620	40	20	2	6.2
CL-270UR	Ultra brightness red	20	1.8	2.6	650	20	20	3.5	13
CL-270HR	High brightness red	20	1.8	2.6	640	20	20	5	23

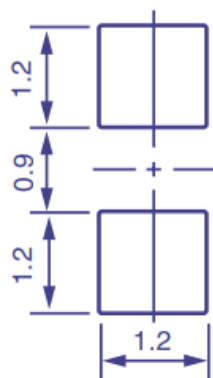
- Per NIST standards

Outline drawing

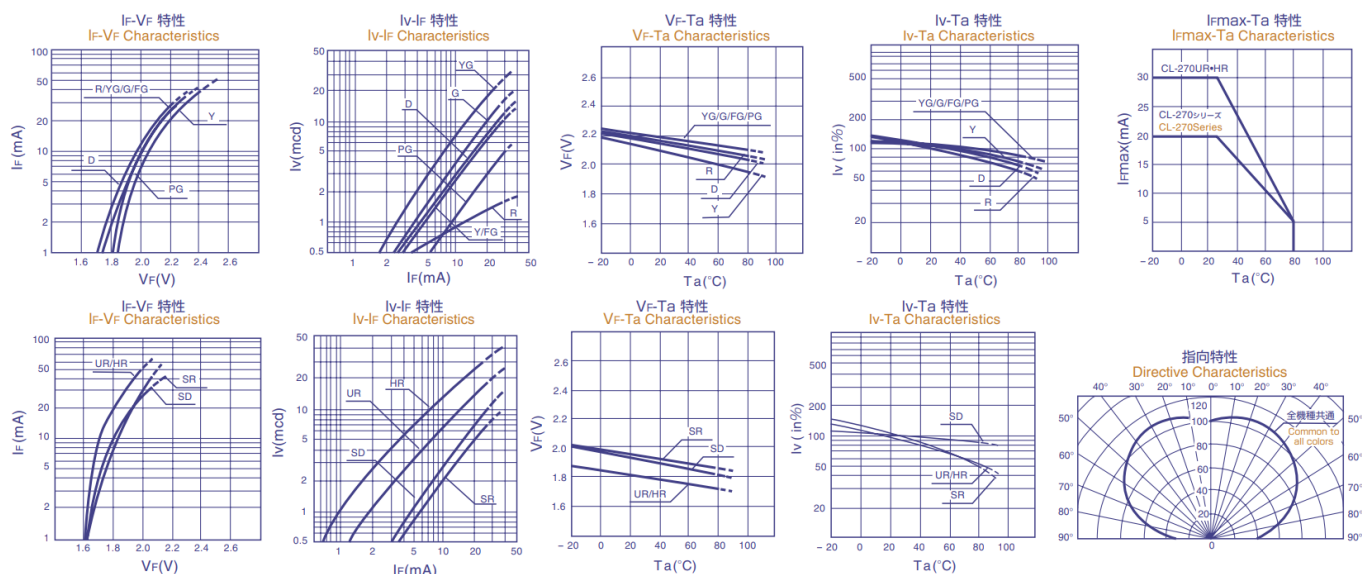


The following soldering patterns are recommended for reflow-soldering:

For reflow soldering



Characteristics



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Documents / Resources

	<p>CITIZEN ELECTRONICS CL-270HR-C-TS CITI LED [pdf] User Guide</p> <p>CL-270HR-C-TS, CL-270HR-C-TS CITI LED, CL-270HR-C-TS, CITI LED, LED</p>
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References

- [User Manual](#)

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