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Panasonic

Absolute Maximum Ratings

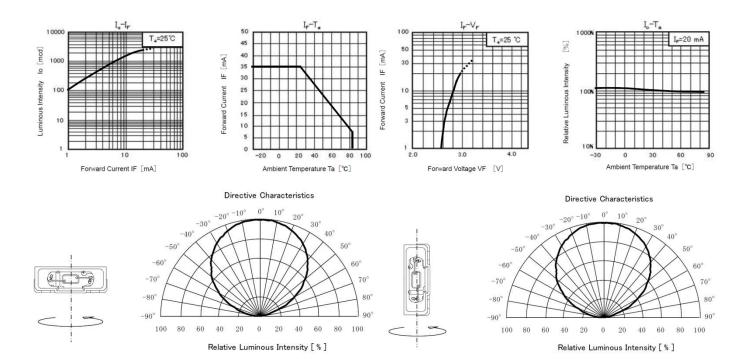
Item	Symbol	Ratings	Unit	Remarks
Power dissipation	P _D	120	mW	
Forward current	I _{FDC}	35	mA	
Pulse Forward current (Note1)	I _{FP}	100	mA	
Reverse voltage	V _R	5	V	
Operating ambient temperature	Topr	-30 ~ +85	°C	
Storage temperature	Tstg	-40 ~ +100	°C	

(Note 1) The condition of I_{FP} is duty 10 %, pulse width 10 ms.

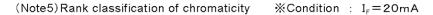
■ Electrical-Optical Characteristics

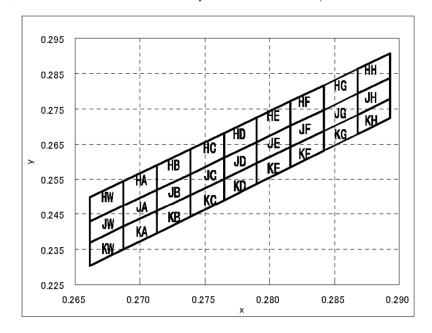
Item	Symbol	Condition	Min.	Тур.	Max.	Unit				
Forward voltage (Note3)	V _F	I _F =20 mA DC	2.8	_	3.2	V				
Reverse current	I_R	V _R = 5 V	ı	_	5.0	μA				
Luminous Intensity (Note2)	I _o	I _F =20 mA DC	2210	_	2630	mcd				
Chromaticity Coordinates	x	I _F =20 mA DC	Dank alassi							
(Note5)	у	I _F =20 mA DC	Rank classi							

(Note2) Rank classification of Luminous Intensity Measurement tolerance is ±5 %



Panasonic





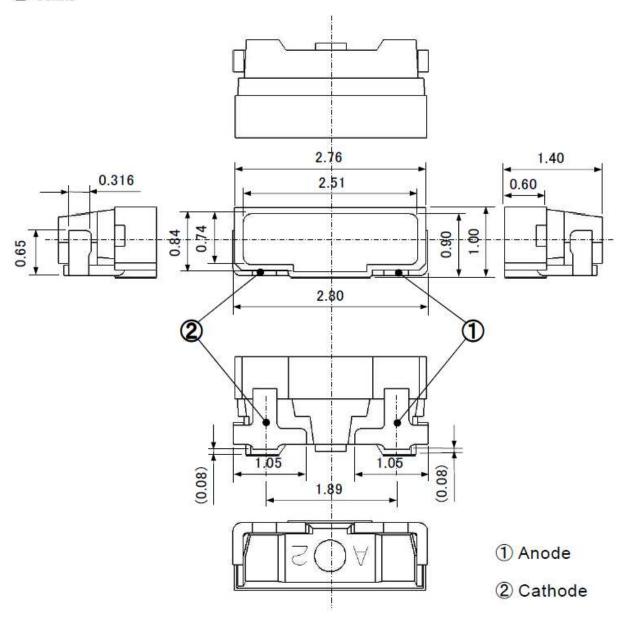
HW		HA		HB		HC		HD		HE		HF		HG		HH	
0.2661	0.2499	0.2687	0.2545	0.2713	0.2590	0.2739	0.2635	0.2765	0.2681	0.2790	0.2726	0.2816	0.2772	0.2842	0.2817	0.2868	0.2863
0.2687	0.2545	0.2713	0.2590	0.2739	0.2635	0.2765	0.2681	0.2790	0.2726	0.2816	0.2772	0.2842	0.2817	0.2868	0.2863	0.2893	0.2908
0.2687	0.2475	0.2713	0.2520	0.2739	0.2565	0.2765	0.2611	0.2790	0.2656	0.2816	0.2702	0.2842	0.2747	0.2868	0.2793	0.2893	0.2838
0.2661	0.2429	0.2687	0.2475	0.2713	0.2520	0.2739	0.2565	0.2765	0.2611	0.2790	0.2656	0.2816	0.2702	0.2842	0.2747	0.2868	0.2793
JW		JA		JB		JC		JD		JE		JF		JG		JH	
0.2661	0.2429	0.2687	0.2475	0.2713	0.2520	0.2739	0.2565	0.2765	0.2611	0.2790	0.2656	0.2816	0.2702	0.2842	0.2747	0.2868	0.2793
0.2687	0.2475	0.2713	0.2520	0.2739	0.2565	0.2765	0.2611	0.2790	0.2656	0.2816	0.2702	0.2842	0.2747	0.2868	0.2793	0.2893	0.2838
0.2687	0.2415	0.2713	0.2460	0.2739	0.2505	0.2765	0.2551	0.2790	0.2596	0.2816	0.2642	0.2842	0.2687	0.2868	0.2733	0.2893	0.2778
0.2661	0.2369	0.2687	0.2415	0.2713	0.2460	0.2739	0.2505	0.2765	0.2551	0.2790	0.2596	0.2816	0.2642	0.2842	0.2687	0.2868	0.2733
JW		KA		KB		KC		KD		KE		KF		KG		KH	
0.2661	0.2369	0.2687	0.2415	0.2713	0.2460	0.2739	0.2505	0.2765	0.2551	0.2790	0.2596	0.2816	0.2642	0.2842	0.2687	0.2868	0.2733
0.2687	0.2415	0.2713	0.2460	0.2739	0.2505	0.2765	0.2551	0.2790	0.2596	0.2816	0.2642	0.2842	0.2687	0.2868	0.2733	0.2893	0.2778
0.2687	0.2350	0.2713	0.2396	0.2739	0.2443	0.2765	0.2490	0.2790	0.2537	0.2816	0.2584	0.2842	0.2631	0.2868	0.2678	0.2893	0.2724
0.2661	0.2303	0.2687	0.2350	0.2713	0.2396	0.2739	0.2443	0.2765	0.2490	0.2790	0.2537	0.2816	0.2584	0.2842	0.2631	0.2868	0.2678

Measurement tolerance ±0.005

- We call the area which is composed by the above points Rank of chromaticity.
- The warranty only applies I_F =20mA. Please keep in mind that no warranty is given to any other current region.
- ullet We classifiy the LEDs according to the above Rank. Rank cannot be mixed within a reel.

Panasonic

Outline



Notes

- 1. General size tolerance ; ±0.1mm
- 2. Dimension exclusive length of weld flash.
- 3. ()inside dimension method be a reference value.

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