

## Absolute Maximum Ratings

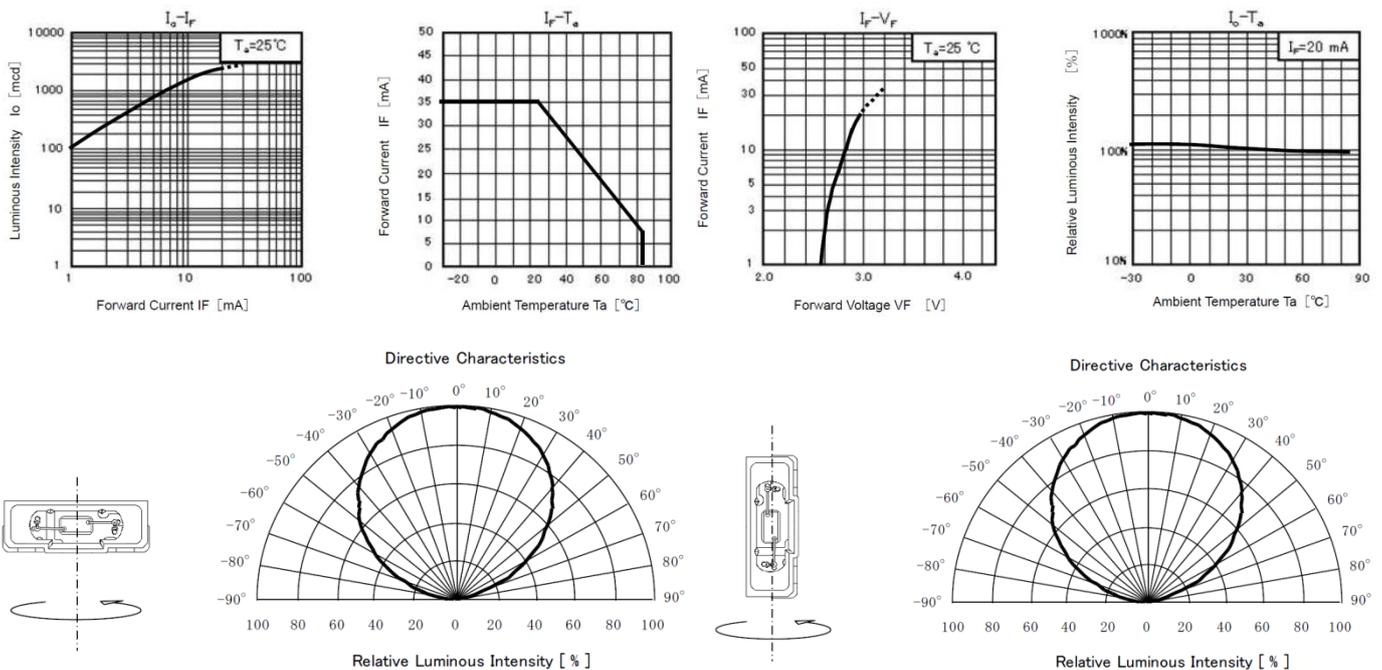
Item	Symbol	Ratings	Unit	Remarks
Power dissipation	$P_D$	120	mW	
Forward current	$I_{FDC}$	35	mA	
Pulse Forward current (Note1)	$I_{FP}$	100	mA	
Reverse voltage	$V_R$	5	V	
Operating ambient temperature	$T_{opr}$	-30 ~ +85	°C	
Storage temperature	$T_{stg}$	-40 ~ +100	°C	

(Note1) The condition of  $I_{FP}$  is duty 10 %, pulse width 10 ms.

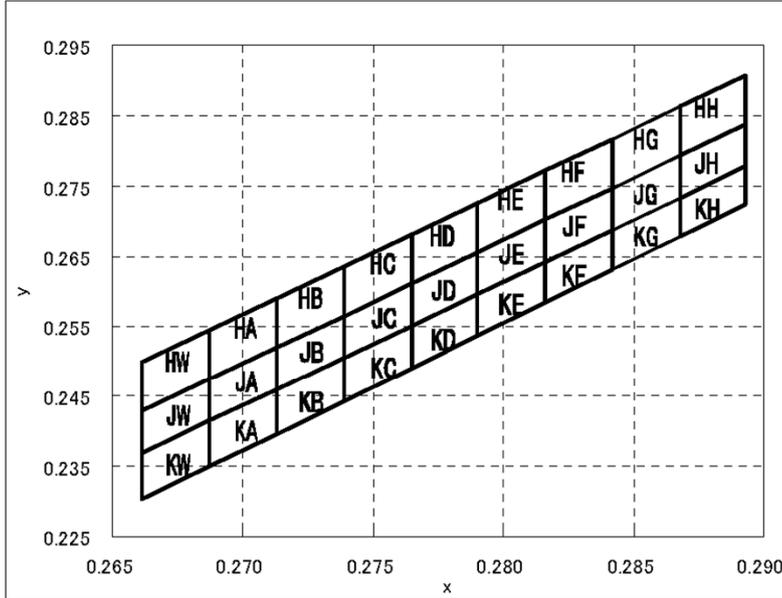
## Electrical-Optical Characteristics

Item	Symbol	Condition	Min.	Typ.	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	—	—	5.0	$\mu$ A
Luminous Intensity (Note2)	$I_o$	$I_F = 20$ mA DC	2210	—	2630	mcd
Chromaticity Coordinates (Note5)	x	$I_F = 20$ mA DC	Rank classification of chromaticity			—
	y	$I_F = 20$ mA DC				

(Note2) Rank classification of Luminous Intensity  
Measurement tolerance is  $\pm 5$  %



(Note5) Rank classification of chromaticity ※Condition :  $I_F = 20\text{mA}$

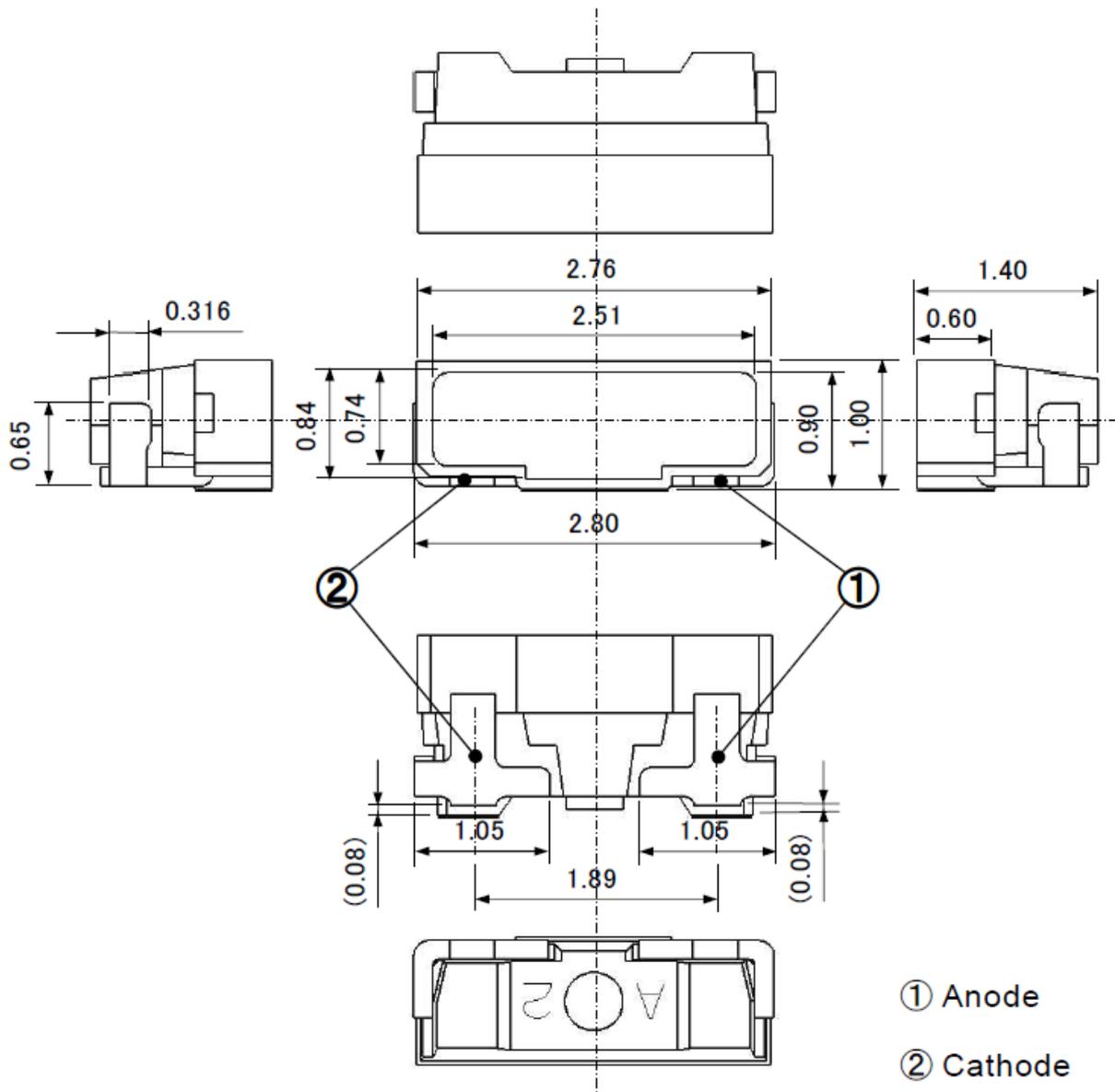


HW		HA		HB		HC		HD		HE		HF		HG		HH	
0.2661	0.2499	0.2687	0.2545	0.2713	0.2590	0.2739	0.2635	0.2765	0.2681	0.2790	0.2726	0.2816	0.2772	0.2842	0.2817	0.2868	0.2863
0.2687	0.2545	0.2713	0.2590	0.2739	0.2635	0.2765	0.2681	0.2790	0.2726	0.2816	0.2772	0.2842	0.2817	0.2868	0.2863	0.2893	0.2908
0.2687	0.2475	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  $\pm 0.005$

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

■ Outline



Notes

1. General size tolerance ;  $\pm 0.1\text{mm}$
2. Dimension exclusive length of weld flash.
3. ( ) inside dimension method be a reference value.

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