■ Absolute Maximum Ratings

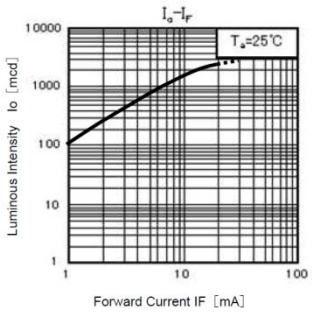
Item	Symbol	Ratings	Unit	Remarks
Power dissipation	P_D	120	mW	
Forward current	I_{FDC}	35	mA	
Pulse Forward current (Note1)	I_{FP}	100	mA	
Reverse voltage	V_R	5	V	
Operating ambient temperature	Topr	-30 ～ +85	℃	
Storage temperature	Tstg	-40 ～ +100	℃	

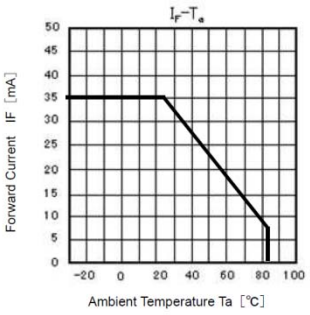
(Note1) The condition of I_{FP} is duty 10 %, pulse width 10 ms.

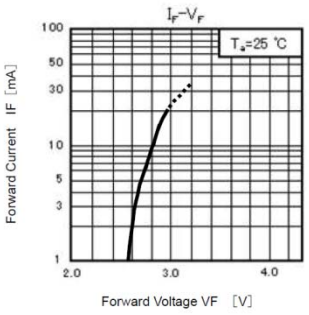
■ Electrical-Optical Characteristics

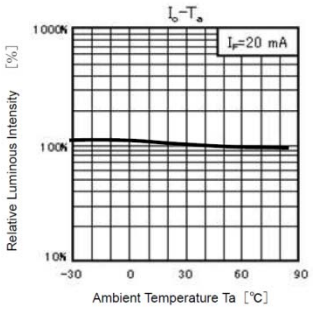
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward voltage (Note3)	V_F	I_F =20 mA DC	2.8	—	3.2	V
Reverse current	I_R	V_R = 5 V	—	—	5.0	μA
Luminous Intensity (Note2)	I_o	I_F =20 mA DC	2210	—	2630	mcd
Chromaticity Coordinates (Note5)	x	I_F =20 mA DC	Rank classification of chromaticity			—
	y	I_F =20 mA DC				

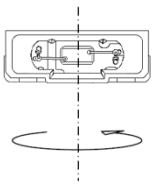
(Note2) Rank classification of Luminous Intensity
Measurement tolerance is ±5 %

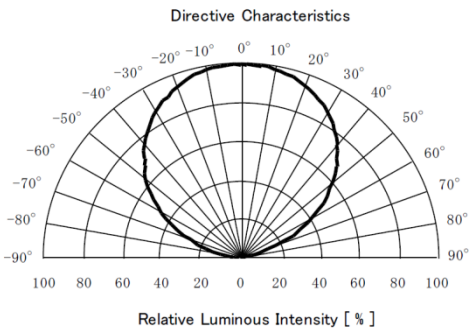


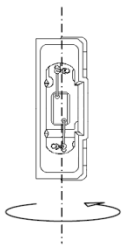


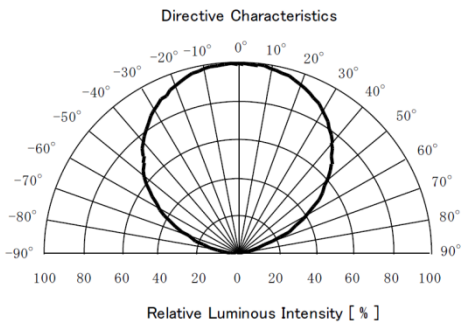






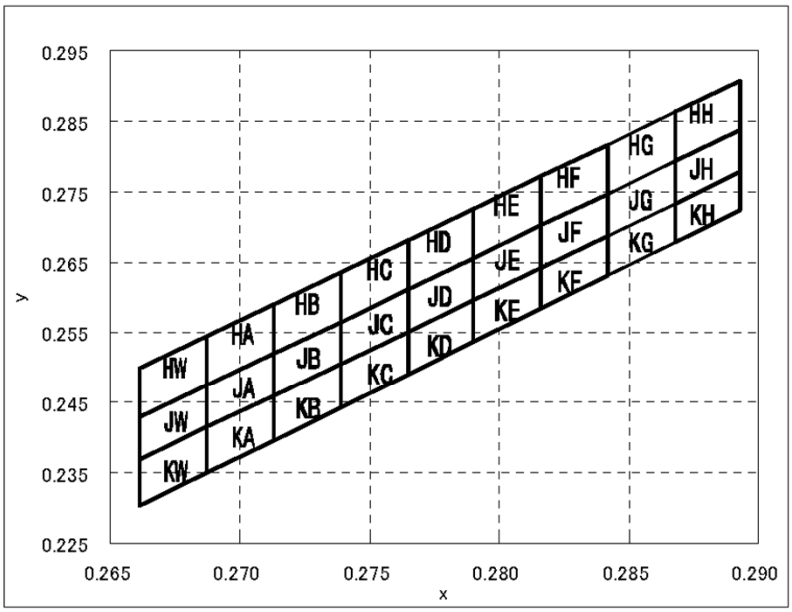






Panasonic

(Note5) Rank classification of chromaticity ※Condition : I_F = 20mA

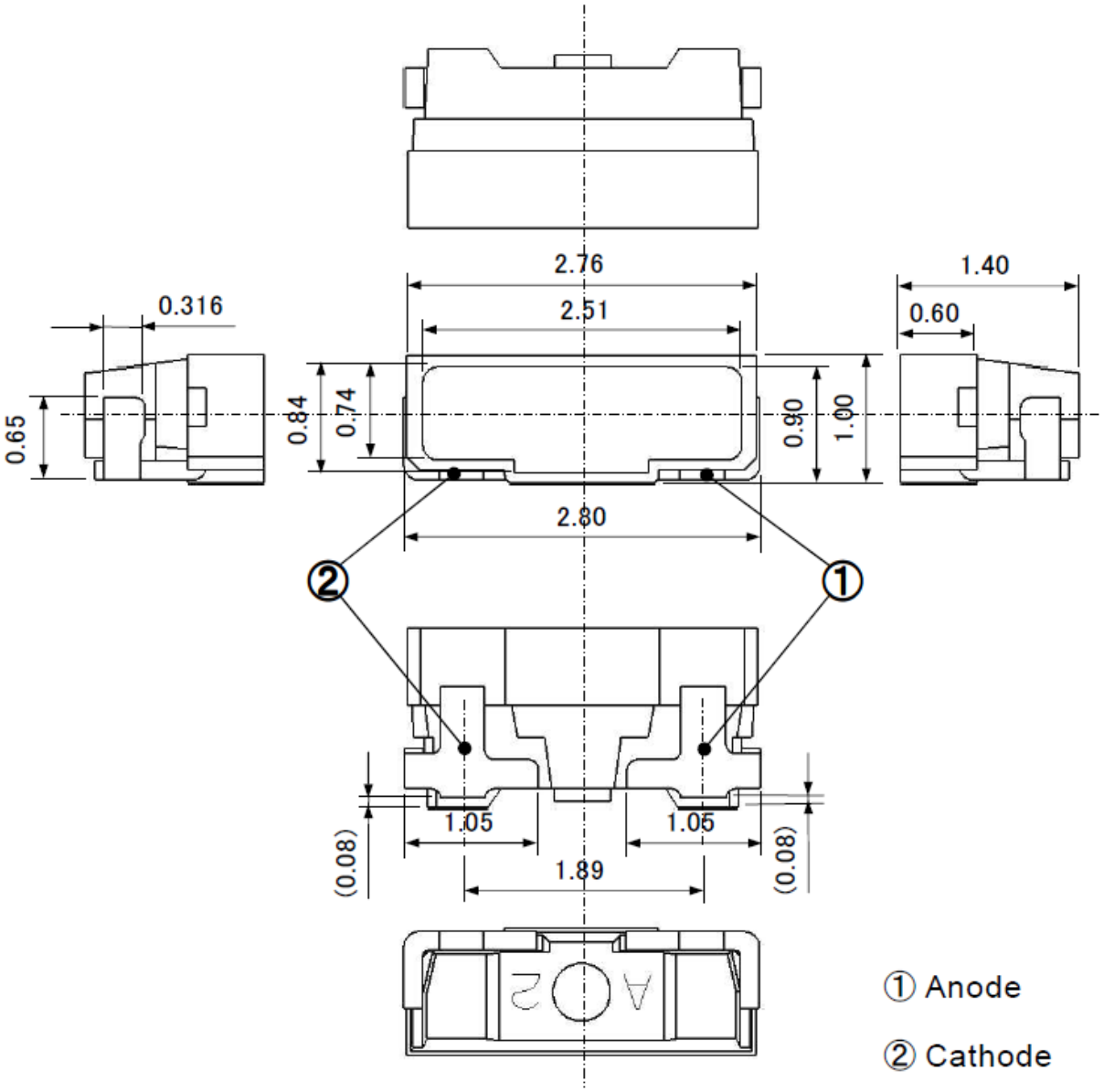


HW		HA		HB		HC		HD		HE		HF		HG		HH	
0.2661	0.2499	0.2687	0.2545	0.2713	0.2590	0.2739	0.2635	0.2765	0.2681	0.2790	0.2726	0.2816	0.2772	0.2842	0.2817	0.2868	0.2863
0.2687	0.2545	0.2713	0.2590	0.2739	0.2635	0.2765	0.2681	0.2790	0.2726	0.2816	0.2772	0.2842	0.2817	0.2868	0.2863	0.2893	0.2908
0.2687	0.2475	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.
- We classifiy the LEDs according to the above Rank. Rank cannot be mixed within a reel.

■ 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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