

LNW9A8BYBZ

Oval Type

φ4.0 mm

Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	120	mW
Forward current	I_F	30	mA
Pulse forward current *	I_{FP}	100	mA
Reverse direct current	I_{RDC}	100	mA
Operating ambient temperature	T_{opr}	-25 to +80	$^\circ\text{C}$
Storage temperature	T_{stg}	-30 to +100	$^\circ\text{C}$

Lighting Color

- Blue

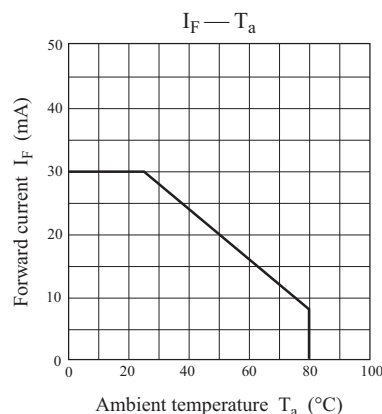
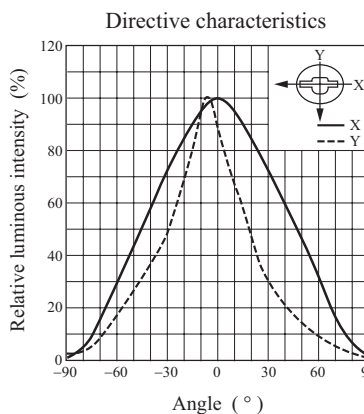
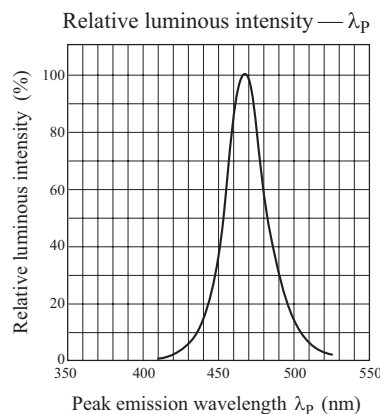
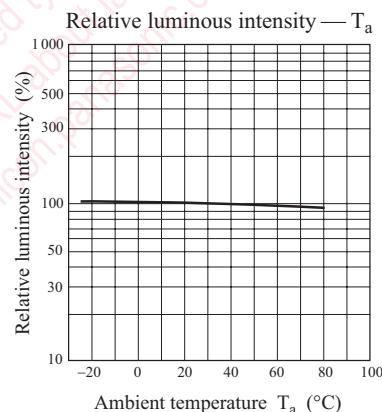
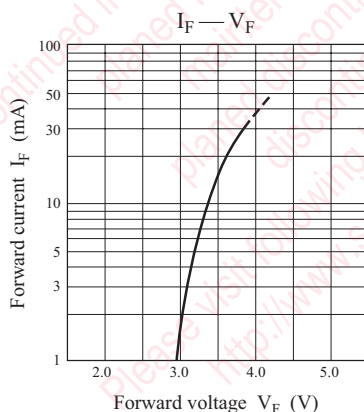
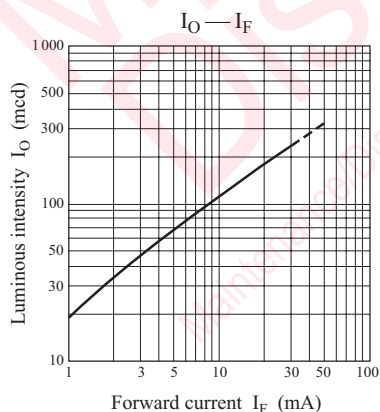
Note) *: The condition of I_{FP} is duty 10%, Pulse width 10 msec.

Electro-Optical Characteristics $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity *1	I_O	$I_F = 20 \text{ mA}$	80	180	433	mcd
Forward voltage	V_F	$I_F = 20 \text{ mA}$		3.7	4.3	V
Reverse voltage	V_R	$I_R = 10 \text{ mA}$			2.5	V
Peak emission wavelength	λ_p	$I_F = 20 \text{ mA}$		468		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20 \text{ mA}$		30		nm
Dominant emission wavelength *2	λ_d	$I_F = 20 \text{ mA}$	460	470	480	nm

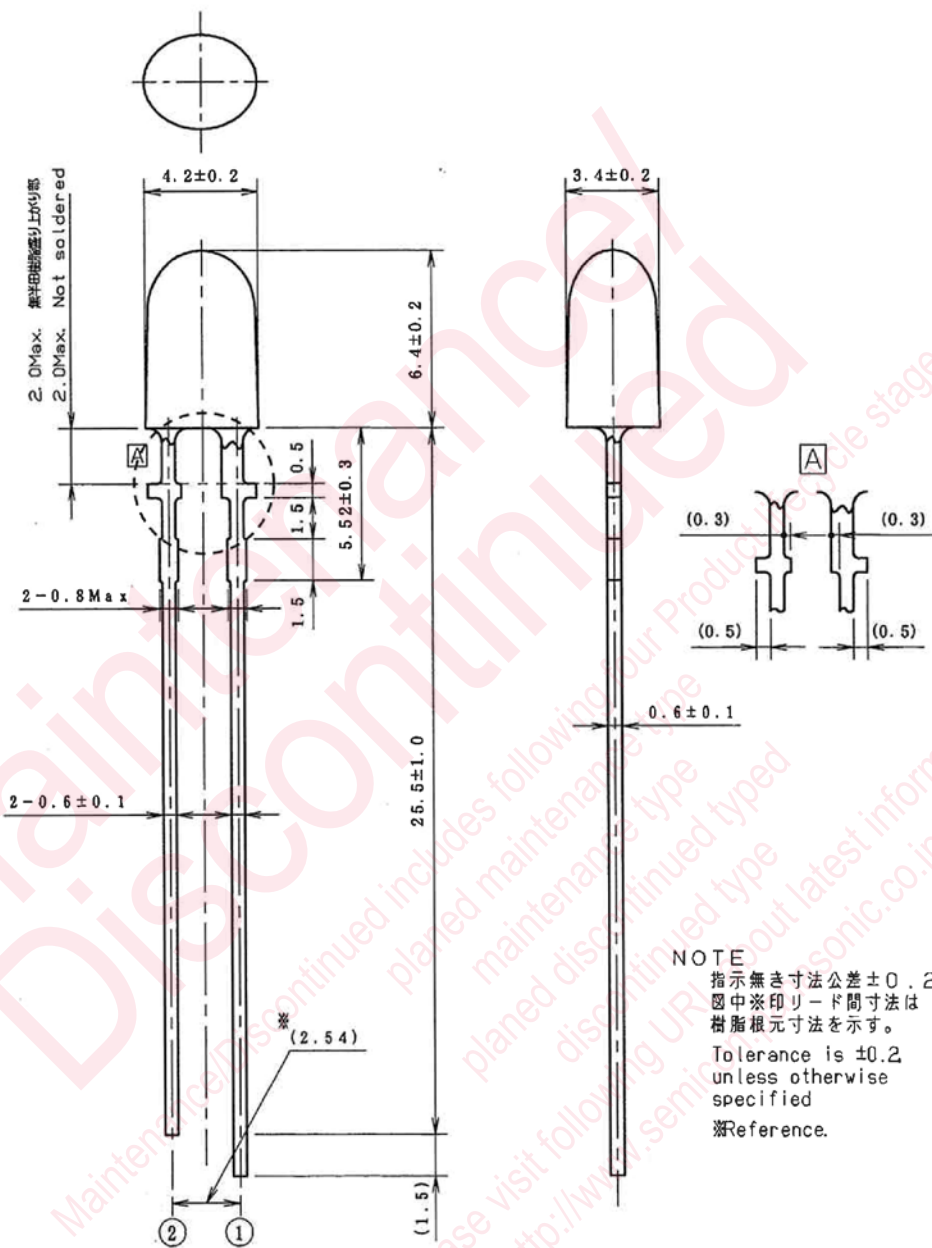
Note) *1: Measurement tolerance: $\pm 20\%$

*2: Measurement tolerance: $\pm 2 \text{ nm}$



■ Package (Unit: mm)

LLXLTN2SYA81



NOTE
 指示無き寸法公差 ± 0.2
 图中※印リード間寸法は
 樹脂根元寸法を示す。
 Tolerance is ± 0.2
 unless otherwise
 specified
 ※Reference.

- Pin name
- 1: Anode
- 2: Cathode

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