

LNJ8A4TN5DA

Round Type

φ5.0 mm

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

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	125	mW
Forward current	I_F	50	mA
Pulse forward current *	I_{FP}	150	mA
Reverse voltage	V_R	4	V
Operating ambient temperature	T_{opr}	-25 to +85	$^\circ\text{C}$
Storage temperature	T_{stg}	-30 to +100	$^\circ\text{C}$

Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

■ Lighting Color

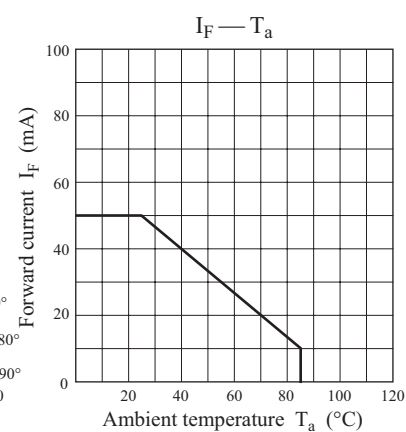
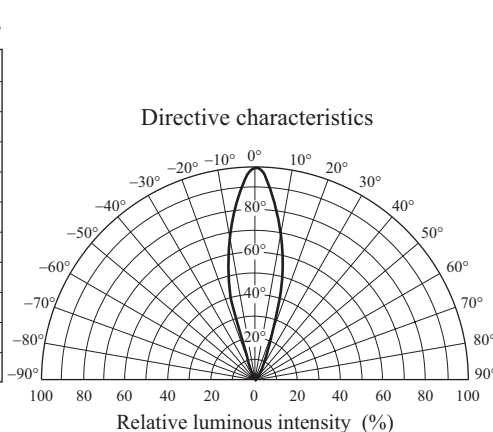
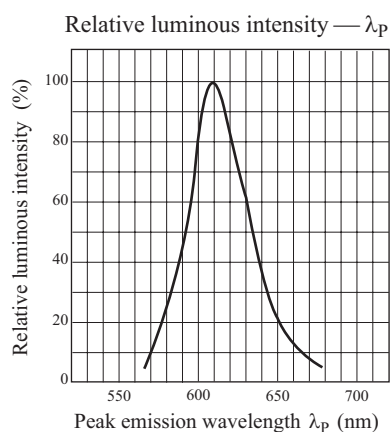
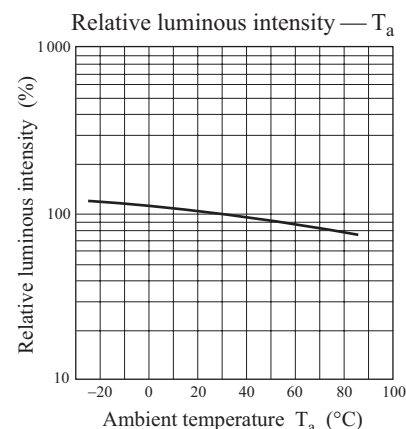
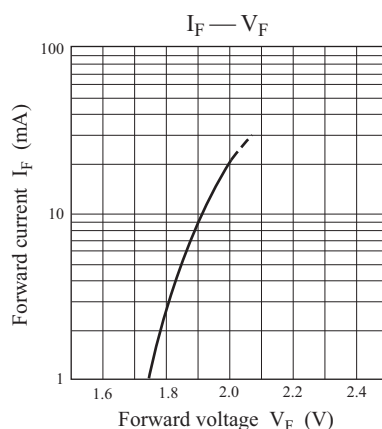
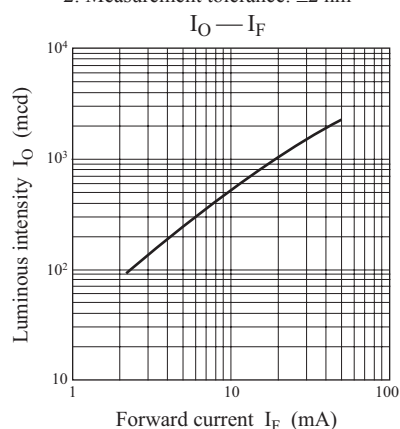
- Soft Orange

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

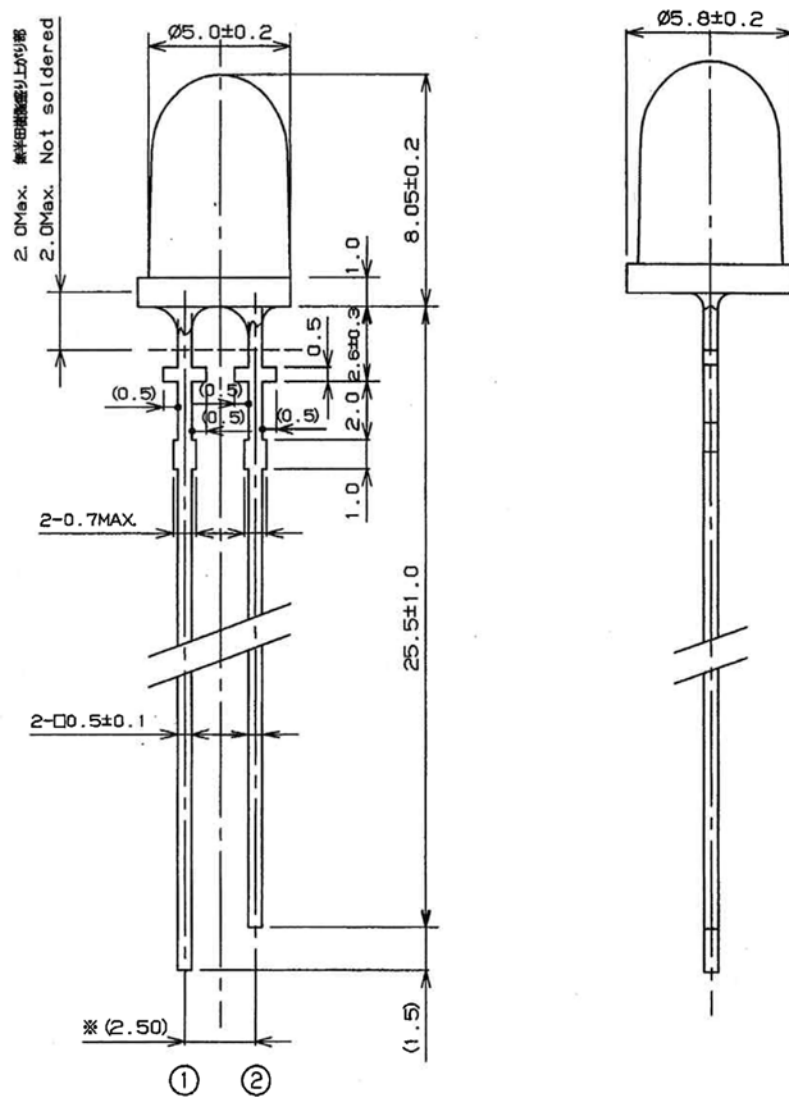
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity *1	I_O	$I_F = 20\text{ mA}$	800	1000		mcd
Reverse current	I_R	$V_R = 4\text{ V}$			100	μA
Forward voltage	V_F	$I_F = 20\text{ mA}$		2.0	2.5	V
Dominant emission wavelength *2	λ_d	$I_F = 10\text{ mA}$	600	605	610	nm
Peak emission wavelength	λ_p	$I_F = 20\text{ mA}$		610		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20\text{ mA}$		17		nm

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

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



■ Package (Unit: mm)



- Pin name

- 1: Anode
2: Cathode

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Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com