LNJ416C84RA

Hight Bright Surface Mounting Chip LED

Microlens Type

■ Lighting Color

• Amber

■ Absolute Maximum Ratings T_a = 25°C

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	55	mW
Forward current	I_F	20	mA
Pulse forward current *	I_{FP}	100	mA
Reverse voltage	V_R	4	V
Operating ambient temperature	T_{opr}	–30 to +85	°C
Storage temperature	T_{stg}	–40 to +100	°C

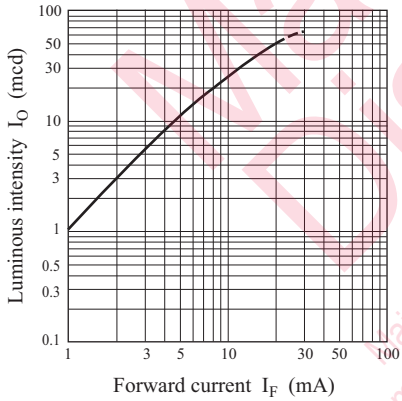
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

■ Electro-Optical Characteristics T_a = 25°C±3°C

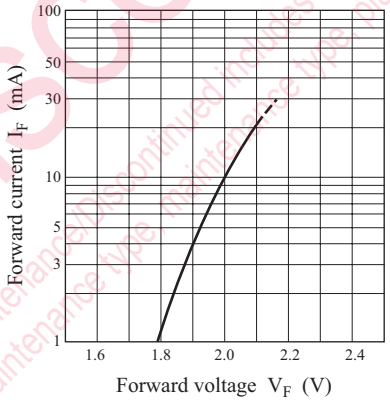
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity *	I_O	I_F = 10 mA	13.8	26.0		mcd
Reverse current	I_R	V_R = 4 V			10	μA
Forward voltage	V_F	I_F = 10 mA		2.0	2.5	V
Peak emission wavelength	λ_P	I_F = 10 mA		595		nm
Spectral half band width	Δλ	I_F = 10 mA		20		nm

Note) *: Measurement tolerance: ±20%

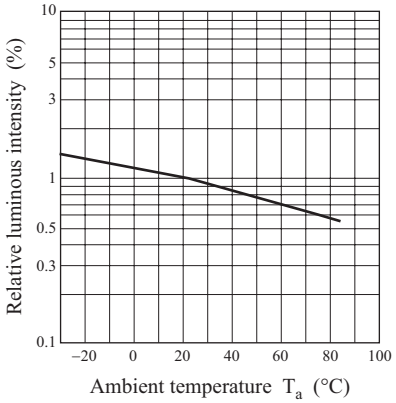
I_O — I_F



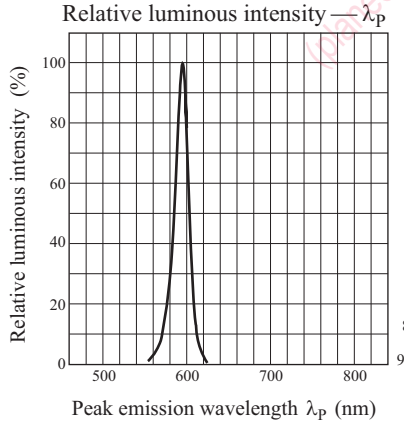
I_F — V_F



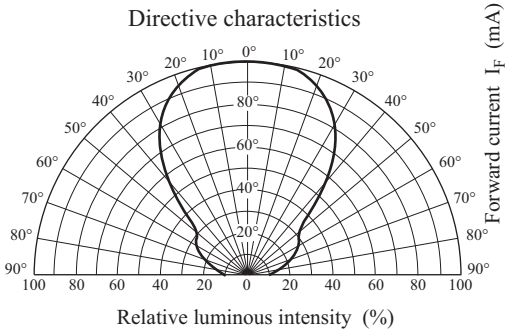
Relative luminous intensity — T_a



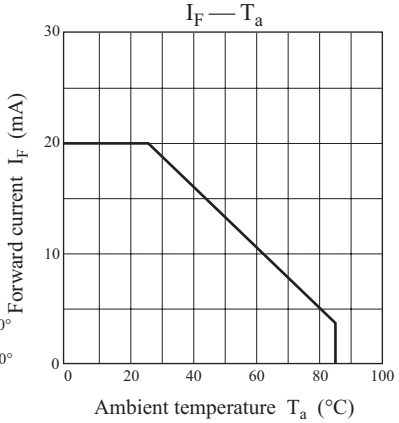
Relative luminous intensity — λ_P



Directive characteristics

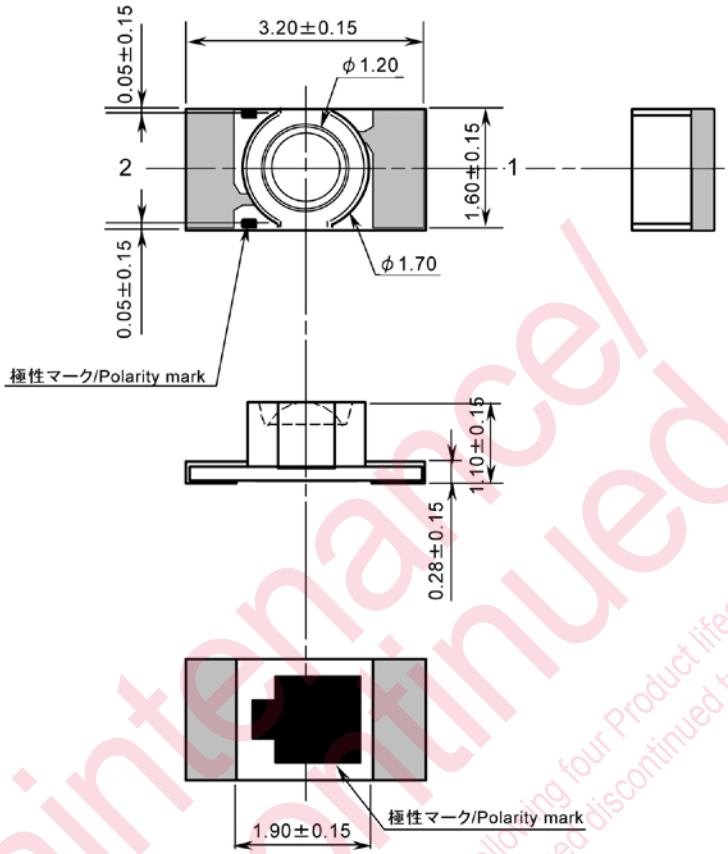


I_F — T_a



■ Package (Unit: mm)

KLTLTN2K1600



- Pin name
  1: Anode
  2: Cathode

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