## LN1251CALTR

### Ultra Hight Bright Surface Mounting Chip LED

J-GaAlAs Type

#### ■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Rating	Unit	
Power dissipation	$P_{\mathrm{D}}$	45	mW	
Forward current	$I_{\mathrm{F}}$	15	mA	
Pulse forward current *	$I_{FP}$	60	mA	
Reverse voltage	V <sub>R</sub>	3	V	
Operating ambient temperature	T <sub>opr</sub>	-25 to +80	°C	
Storage temperature	T <sub>stg</sub>	-30 to +85	°C	

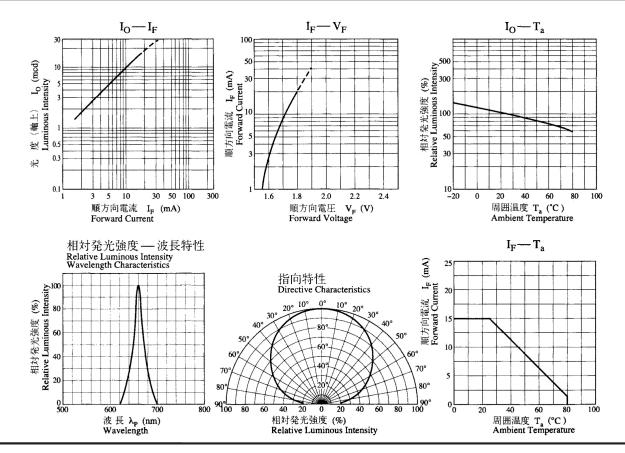
Note) \*: The condition of  $I_{\text{FP}}$  is duty 10%, Pulse width 1 msec.

#### ■ Lighting Color / Lens Color

• Ultra Bright Red / Clear

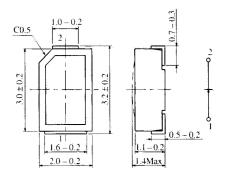
#### ■ Electro-Optical Characteristics $T_a = 25$ °C

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	I <sub>O</sub>		3.3	9.0		mcd
Forward current	$I_{\mathrm{F}}$			10		mA
Forward voltage	V <sub>F</sub>	$I_F = 15 \text{ mA}$		1.75	2.6	V
Peak emission wavelength	$\lambda_{\mathrm{P}}$	$I_F = 15 \text{ mA}$		660		nm
Spectral half band width	Δλ	$I_F = 15 \text{ mA}$		20		nm
Reverse current	$I_R$	$V_R = 3 \text{ V}$			100	μΑ



LN1251CALTR Panasonic

### ■ Package (Unit: mm)



- Pin name
  - 1: Anode
  - 2: Cathode

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