LNJ224C44RA

Hight Bright Surface Mounting Chip LED

3528 (PLCC2) Type

■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Rating	Unit	
Power dissipation	P_{D}	80	mW	
Forward current	I_{F}	30	mA	
Pulse forward current *	I_{FP}	90	mA	
Reverse voltage	V _R	4	V	
Operating ambient temperature	T _{opr}	-40 to +100	°C	
Storage temperature	T _{stg}	-40 to +100	°C	

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

■ Lighting Color

Ambient temperature T_a (°C)

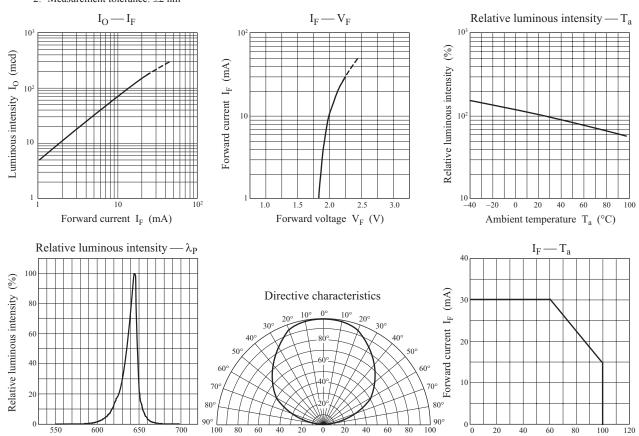
• Red

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

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity *1	I _O	$I_F = 20 \text{ mA}$	75	150	250	mcd
Reverse current	I_R	$V_R = 4 V$			100	μΑ
Forward voltage	$V_{\rm F}$	$I_F = 20 \text{ mA}$		2.1	2.5	V
Peak emission wavelength	λ_{P}	$I_F = 20 \text{ mA}$		645		nm
Dominant emission wavelength *2	λ_{d}	$I_F = 20 \text{ mA}$	624	630	636	nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$		20		nm

Note) *1: Measurement tolerance: ±15%

Peak emission wavelength λ_P (nm)



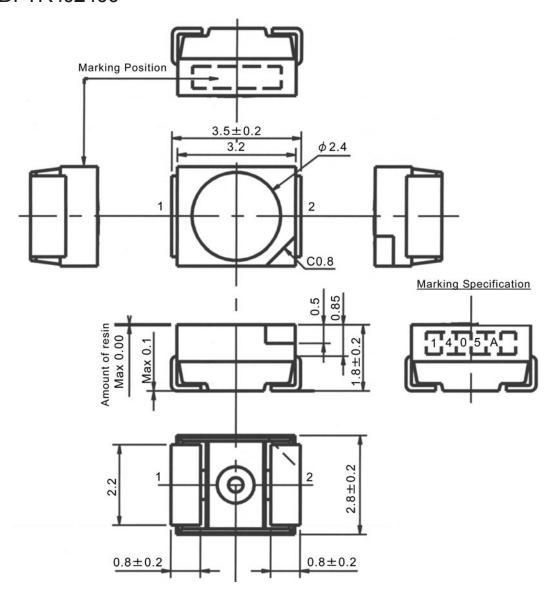
Relative luminous intensity (%)

^{*2:} Measurement tolerance: ±2 nm

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■ Package (Unit: mm)

LLDFTR4J2400



- Pin name
 - 1: Anode
 - 2: Cathode

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