Lighting Color

• Red

# LNJ224C44RA

### Hight Bright Surface Mounting Chip LED

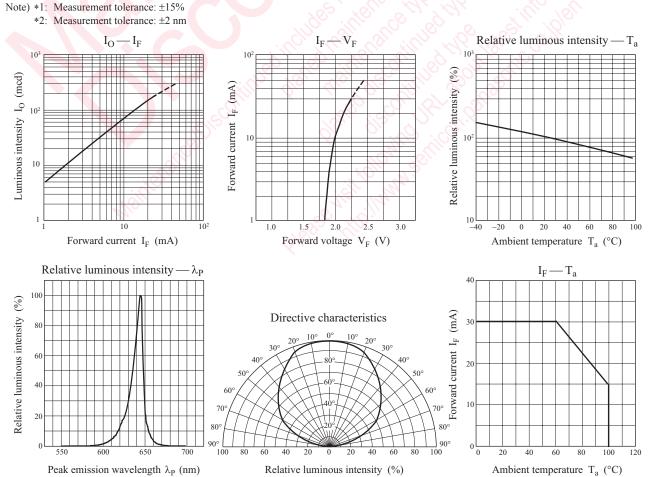
#### 3528 (PLCC2) Type

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

Parameter	Symbol Rating		Unit	
Power dissipation	PD	80	mW	
Forward current	I <sub>F</sub>	30	mA	
Pulse forward current *	I <sub>FP</sub>	90	mA	
Reverse voltage	V <sub>R</sub>	4	V	
Operating ambient temperature	T <sub>opr</sub>	-40 to +100	°C	
Storage temperature	T <sub>stg</sub>	-40 to +100	°C	

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

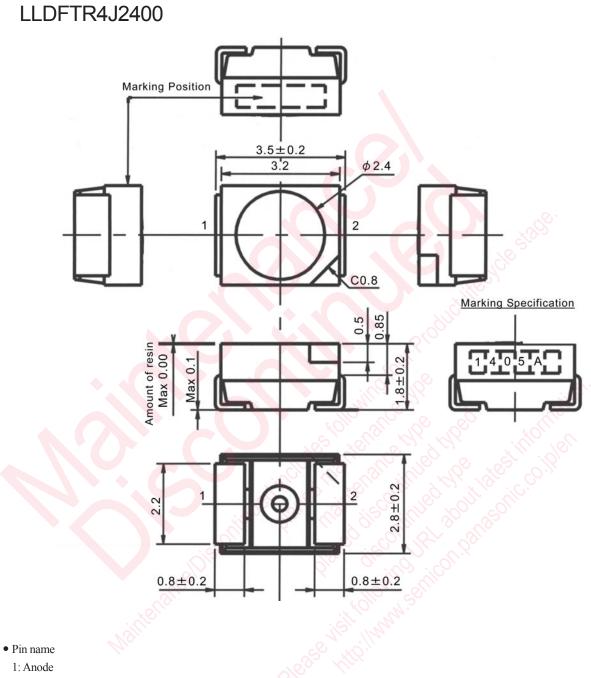
Operating ambient temperature	T <sub>opr</sub>	-40 to $+100$	°C						
Storage temperature	T <sub>stg</sub>	-40 to +100	°C						
Note) *: The condition of I <sub>FP</sub> is duty 10%, Pulse width 1 msec.									
Electro-Optical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$									
Parameter	Symbol		Conditions	Min	Тур	Max	Unit		
Luminous intensity *1	Io	$I_F = 20 \text{ mA}$		75	150	250	mcd		
Reverse current	I <sub>R</sub>	$V_R = 4 V$	0400			100	μΑ		
Forward voltage	V <sub>F</sub>	$I_F = 20 \text{ mA}$			2.1	2.5	V		
Peak emission wavelength	$\lambda_{\rm P}$	$I_F = 20 \text{ mA}$			645	~	nm		
Dominant emission wavelength *2	λ <sub>d</sub>	$I_F = 20 \text{ mA}$	Millio 134	624	630	636	nm		
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$	all'all'all	S)	20	<u> </u>	nm		





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Package (Unit: mm)



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