■ Lighting Color

Orange

# **LNJ824C43RA1**

### Hight Bright Surface Mounting Chip LED

3528 Type

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

Parameter	Symbol	Rating	Unit	
Power dissipation	$P_{D}$	80	mW	
Forward current	$I_{\mathrm{F}}$	30	mA	
Pulse forward current *	$I_{FP}$	70	mA	
Reverse voltage	V <sub>R</sub>	5	V	
Operating ambient temperature	T <sub>opr</sub>	-40 to +100	°C	
Storage temperature	T <sub>stg</sub>	-40 to +100	°C	

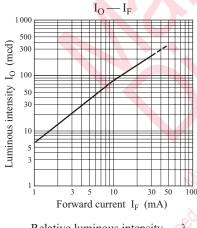
Note) \*: The condition of I<sub>FP</sub> is duty 10%, Pulse width 1 msec.

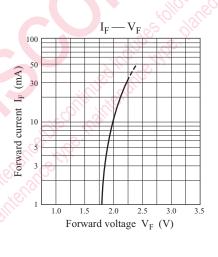
#### ■ Electro-Optical Characteristics $T_a = 25$ °C

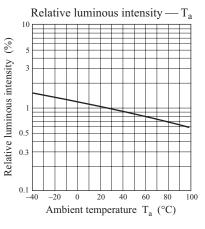
Parameter	Symbol		Conditions	Min	Тур	Max	Unit
Luminous intensity *1	I <sub>O</sub>	$I_F = 20 \text{ mA}$		100	150	220	mcd
Reverse current	I <sub>R</sub>	$V_R = 5 V$		. 90	6 105	100	μΑ
Forward voltage	V <sub>F</sub>	$I_F = 20 \text{ mA}$		(Č)	2.1	2.5	V
Peak emission wavelength	$\lambda_{ m P}$	$I_F = 20 \text{ mA}$		5,000	630		nm
Dominant emission wavelength *2	$\lambda_{\mathrm{d}}$	$I_F = 20 \text{ mA}$		616	621	626	nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$	20,00		20		nm

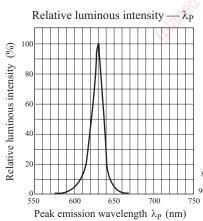
Note) \*1: Measurement tolerance: ±20%

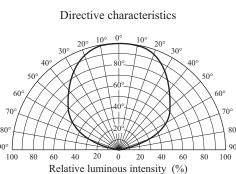
<sup>\*2:</sup> Measurement tolerance: ±2 nm

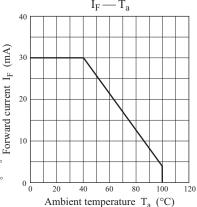








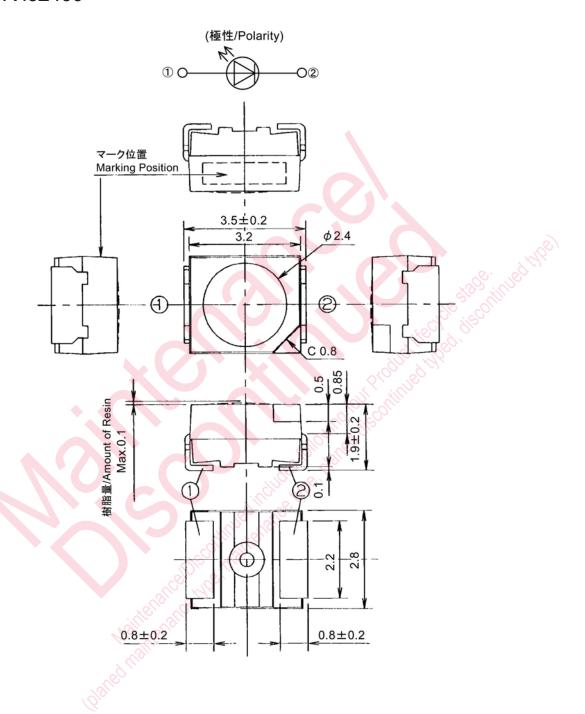




LNJ824C43RA1 Panasonic

■ Package (Unit: mm)

### LLDFTR4J2400



- Pin name
  - 1: Anode
  - 2: Cathode

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