LNJ811R8DRA

Surface Mounting Chip LED

3216 Type

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

Parameter	Symbol	Rating	Unit	
Power dissipation	P _D	60	mW	
Forward current	I _F	20	mA	
Pulse forward current *	I _{FP}	100	mA	
Reverse voltage	V _R	3	V	
Operating ambient temperature	T _{opr}	-30 to +85	°C	
Storage temperature	T _{stg}	-40 to +100	°C	

Lighting Color

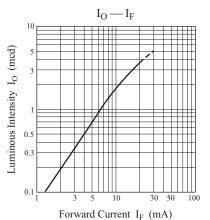
• Orange

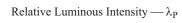
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

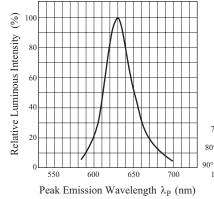
Electro-Optical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity *	I _O	$I_{\rm F} = 10 {\rm mA}$	0.7	1.8		mcd
Reverse current	I _R	$V_R = 3 V$			10	μΑ
Forward voltage	V _F	$I_{\rm F} = 10 {\rm mA}$		1.93	2.6	V
Peak emission wavelength	$\lambda_{\rm P}$	$I_{\rm F} = 10 \ {\rm mA}$		630		nm
Spectral half band width	Δλ	$I_{\rm F} = 10 \text{ mA}$		40		nm

Note) *: Measurement tolerance: ±20%



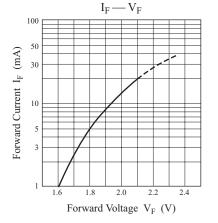


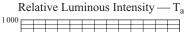


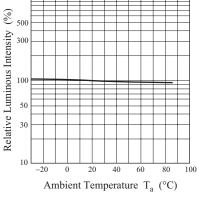
60

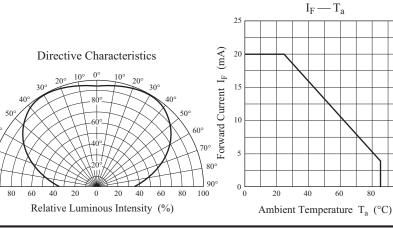
80

100







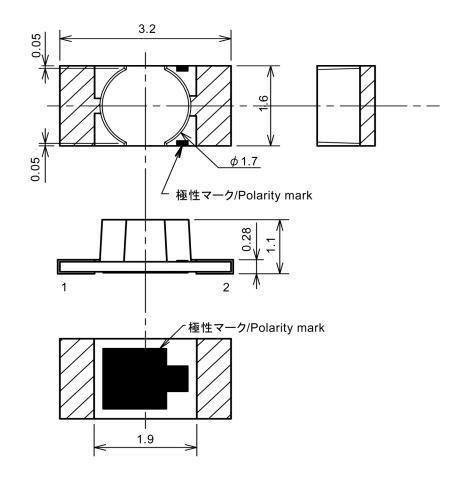


100

80

LNJ811R8DRA

Package (Unit: mm)



- Pin name
 - 1: Anode
 - 2: Cathode

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