LNJ808R83RA

Hight Bright Surface Mounting Chip LED

SS Type

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

Parameter	Symbol	Rating	Unit	
Power dissipation	P _D	55	mW	
Forward current	$I_{\rm F}$	20	mA	
Pulse forward current *	I _{FP}	100	mA	
Reverse voltage	V _R	4	V	
Operating ambient temperature	T _{opr}	-25 to +85	°C	
Storage temperature	T _{stg}	-40 to +100	°C	

Lighting Color

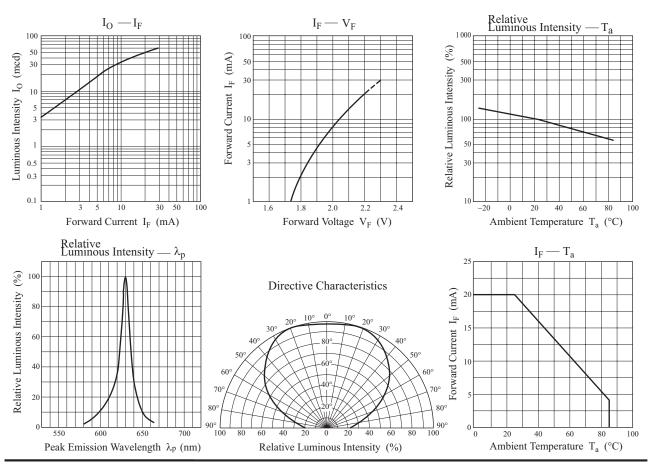


Note) *: The condition of IFP is duty 10%, Pulse width 1 msec.

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

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity *	I _O	$I_{\rm F} = 10 {\rm mA}$	17	32		mcd
Reverse current	I _R	$V_R = 4 V$			10	μΑ
Forward voltage	V _F	$I_{\rm F} = 10 \text{ mA}$		2.03	2.50	V
Peak emission wavelength	$\lambda_{\rm P}$	$I_{\rm F} = 10 \text{ mA}$		630		nm
Spectral half band width	Δλ	$I_{\rm F} = 10 \text{ mA}$		15		nm

Note) *: Measurement tolerance: ±20%

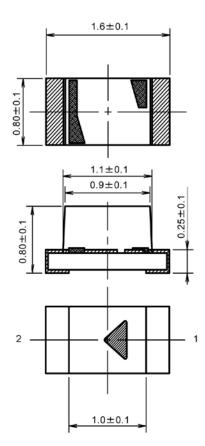


SHD00662AEK

LNJ808R83RA

Panasonic

Package (Unit: mm)



• Pin name

1: Anode

2: Cathode

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