LNJ836W86RA

Hight Bright Surface Mounting Chip LED

ESS Type

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

Parameter	Symbol	Rating	Unit				
Power dissipation	P _D	55	mW				
Forward current	I _F	20	mA				
Pulse forward current *	I _{FP}	60	mA				
Reverse voltage	V _R	4	V				
Operating ambient temperature	T _{opr}	-30 to +85	°C				
Storage temperature	T _{stg}	-40 to +100	°C				
Note) *: The condition of I _{FP} is duty 10%, Pulse width 1 msec.							

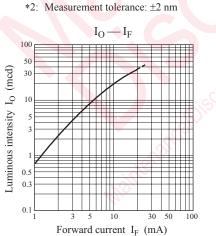
Lighting Color

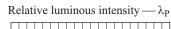
Soft Orange

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

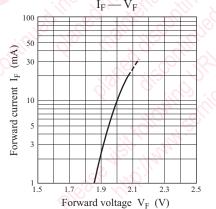
Parameter	Symbol		Conditions	Min	Тур	Max	Unit
Luminous intensity *1	I _O	$I_F = 5 \text{ mA}$		5.0	9.0	33.6	mcd
Reverse current	I _R	$V_R = 4 V$				100	μΑ
Forward voltage	V _F	$I_F = 5 \text{ mA}$			1.95	2.30	V
Peak emission wavelength	$\lambda_{\rm P}$	$I_F = 5 \text{ mA}$			610	2	nm
Dominant emission wavelength *2	λ_d	$I_F = 5 \text{ mA}$	MILLS HAR	597	605	610	nm
Spectral half band width	Δλ	$I_F = 5 \text{ mA}$	No all al	(SO	15	$\mathcal{O}_{\mathcal{O}}$	nm

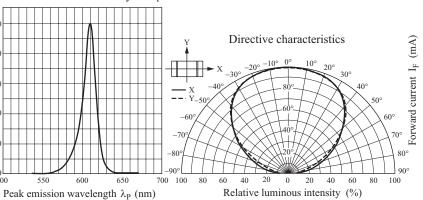
Note) *1: Measurement tolerance: ±20%

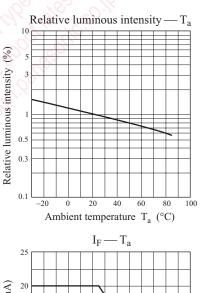




650







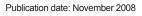
Ambient temperature Ta (°C)

15

10

0

-20 0 20 40 60 80 100



550

600

100

80

60

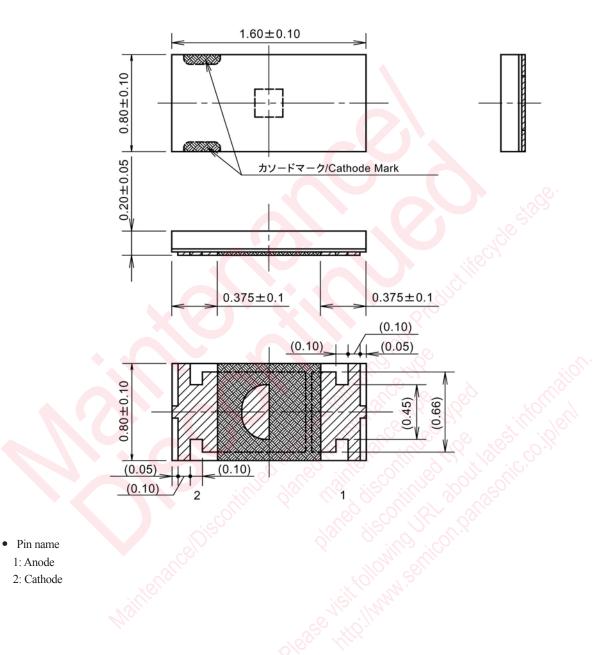
0∟ 500

Relative luminous intensity (%)

SHD00733AEK

Package (Unit: mm)

KLTFTN2K3600



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