

Side Firing Chip LED LNJ025C6FRA

Overview

Side firing LED for back light application to support designing of thin shape mobile phone.

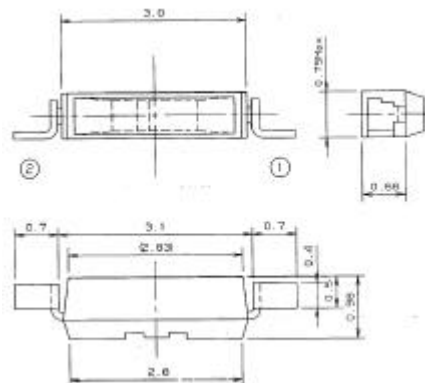
High brightness is realized by optimum design of reflector.

Features

Low profile which suitable for thin shape back light module.

High brightness and wide directive characteristics.

An efficient optical design realize good uniformity of brightness.



Application

Light source for Back-light / Indicator

Specifications

Absolute Maximum Rating

Absolute Maximum Ratings	Lighting Color	P_D (mW)	I_{FDC} (mA)	I_{FP} (mA)	I_{RDC} (mA)	T_{opr} ()	T_{sto} ()
	White	78	20	60	100	-25 ~ +80	-30 ~ +85
Condition	$T_a=25\pm3$						

The condition of pulse current I_{FP} :Pulse width 1 ms, Duty 10 %.
 I_{RDC} is the characteristic of a protection diode.

Main Characteristics

Item	Symbol	Condition	Type	Limit		Unit
				Min	Max	
Forward Voltage	V_F	IF=10mA DC	3.2		3.9	V
Reverse Voltage	V_R	IF=10mA DC			(2.5)	V
Luminous Intensity	I_α	IF=10mA DC	190	160	360	mcd
Chromatic coordinates	x	IF=10mA DC		0.305	0.345	-
	y	IF=10mA DC		0.285	0.390	-

Tolerance of Luminous Intensity $\pm 20\%$

The products and specification are subject to change without any notice. Please ask for the latest Product Standards to guarantee the satisfaction of your product requirements.

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