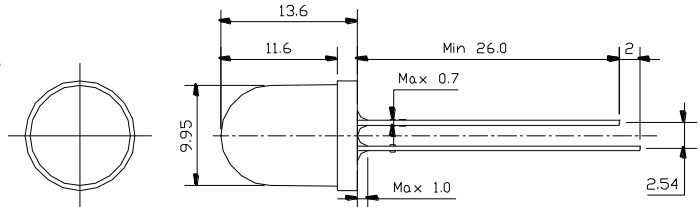


GREEN LIGHT EMITTING DIODE 08LCHG10

1. Features

- 1-1. The radiation substrate material is
InGaN/SiC
- 1-2. Available for pulse operating



2. Applications

- 2-1. Electronic signs and signals
- 2-2. Small area illumination
- 2-3. Back-light
- 2-4. Indicator

*NOTE 1. All dimensions in "mm"

3. Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Rating	Unit
Reverse Voltage	V_R	5	V
Forward Current	I_F	30	mA
Pulse Forward Current* ¹	I_{FP}	100	mA
Power Dissipation	P_D	125	mW
LED Junction Temperature	T_j	125	°C
Operating Temperature	T_{opr}	-25~+80	°C
Storage Temperature	T_{stg}	-30~+100	°C

*¹ $t_w=100 \mu\text{sec}$, $T=10\text{msec}$

4. Electro-Optical Characteristics (Ta=25°C)

Item	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	V_F	$I_F=20\text{mA}$		3.5	4.0	V
Reverse Current	I_R	$V_R=5\text{V}$			10	μA
Luminous Intensity	I_V	$I_F=20\text{mA}$		2000		mcd
Peak Wavelength	λ_p	$I_F=20\text{mA}$		525		nm
Capacitance	C_t	$f=1\text{MHz}$		40		pF
Angle				30		deg.

5. Notes

LEDs are class 2 ESD sensitive.

Please observe appropriate precautions handling and processing.