



LT4H2X-41-HE

3.1MM ROUND LAMP (HIGH INTENSITY GREEN)

Features

- * HIGH INTENSITY GREEN
- * HIGH LIGHT OUTPUT
- * RELIABLE AND RUGGED
- * IC COMPATIBLE

Absolute Maximum Ratings at $T_A=25^\circ\text{C}$

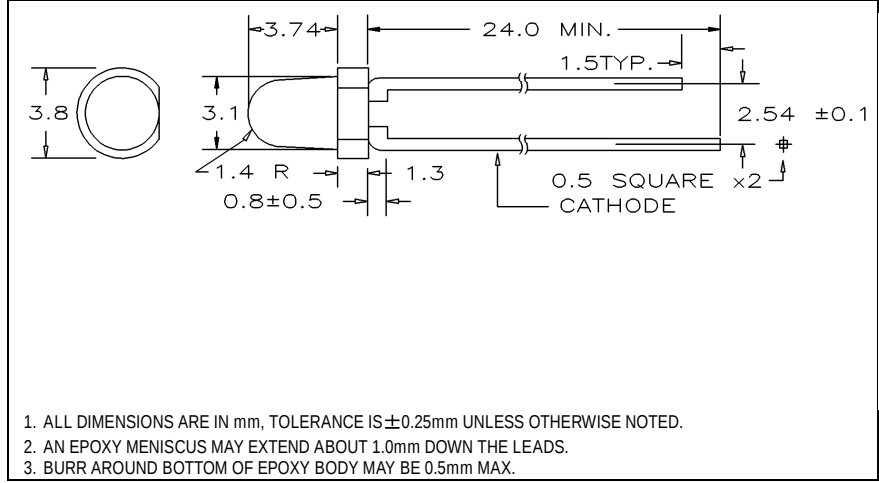
REVERSE VOLTAGE (<math><100 \mu\text{A}</math>)	5.0V
D.C. FORWARD CURRENT	30mA
PULSE CURRENT (1 μ SEC. PULSE, 0.3% DUTY CYCLE)	100 mA
OPERATING TEMPERATURE RANGE	-25°C TO +85°C
STORAGE TEMPERATURE RANGE	-25°C TO +100°C
LEAD SOLDERING TEMP. (1.6mm FROM BODY)	260°C FOR 5 SEC.

Electrical/optical characteristics at $T_A=25^\circ\text{C}$

PART NUMBER	LED CHIP		LEN'S COLOR	PEAK WAVELENGTH @20 mA (nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE $2\theta_{1/2}$ (deg)
	MATERIAL	EMITTING COLOR			TYP.	MAX.	MIN.	TYP.	
LT4H21-41-HE	GaP	GREEN	G.D.	567	2.1	2.6	20.0	33.3	38
LT4H22-41-HE	GaP	GREEN	W.D.	567	2.1	2.6	20.0	33.3	38
LT4H23-41-HE	GaP	GREEN	W.C.	567	2.1	2.6	67.5	112.5	24
LT4H24-41-HE	GaP	GREEN	G.C.	567	2.1	2.6	67.5	112.5	24

- (1) LEN'S COLOR
G.D...GREEN DIFFUSED G.C....GREEN CLEAR
W.D... WHITE DIFFUSED W.C....WATER CLEAR
- (2) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) ALL ABOVE COMPONENTS ARE CONSIDERED . DEVIATIONS FROM STATED SPECIFACATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED .

Package Dimensions



Radiation Pattern

