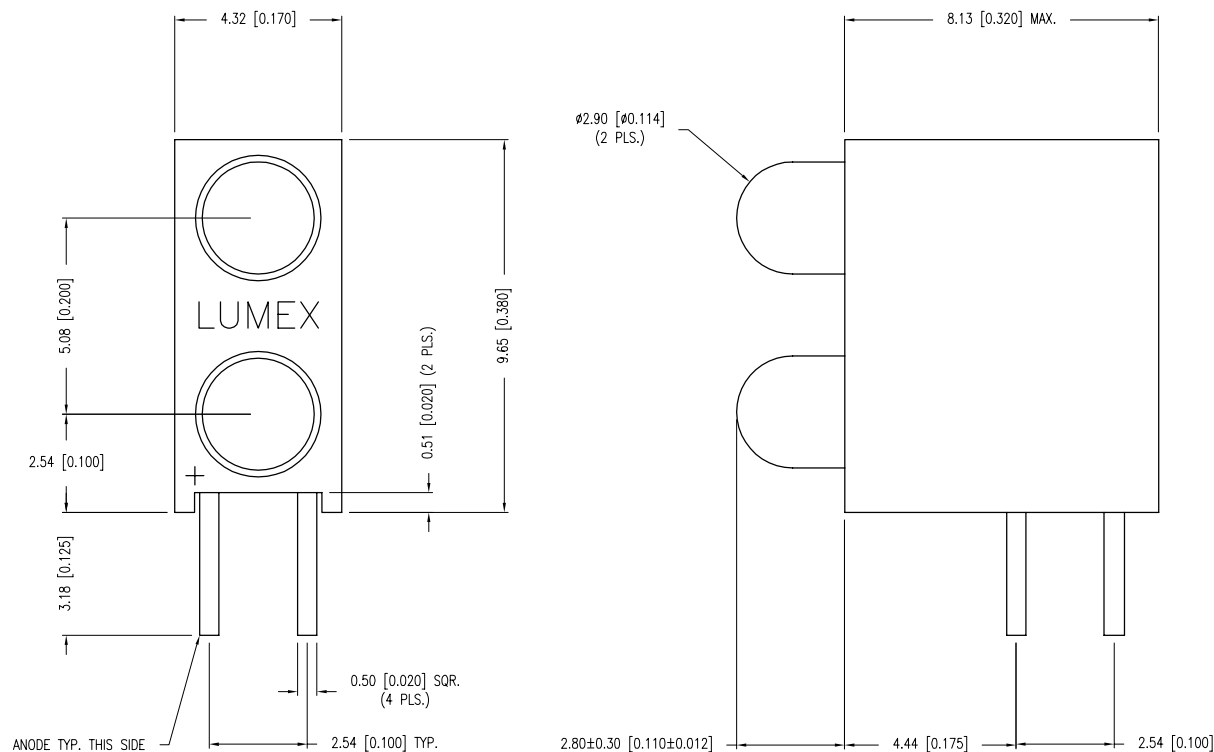


PART NUMBER	SSF-LXH240SUGSID	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
06.23.11	E.C.N. #10BRDR. & REDRAWN/#11729.		A

[A] ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (G/R)		574/650		nm	
FORWARD VOLTAGE (G/R)		2.1/1.9	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (G/R)		180/1000		mcd	$I_f=10\text{mA}$
VIEWING ANGLE		40		2x theta	
EMITTED COLOR:	GREEN/RED				
EPOXY LENS FINISH:	COLOR DIFFUSED				

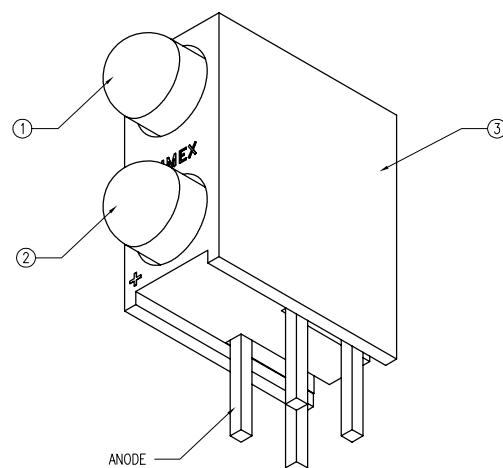
[A] LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (G/R)	150/185	mA
STEADY CURRENT (G/R)	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

BILL OF MATERIALS:

- SSL-LX3044SUGD LED.
- SSL-LX3044SID LED.
- SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

T-3mm LED, RIGHT ANGLE FAULT INDICATOR, 574/636nm GREEN/RED LEDS, COLOR DIFFUSED.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	06.23.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(Pb)

Mouser Electronics

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