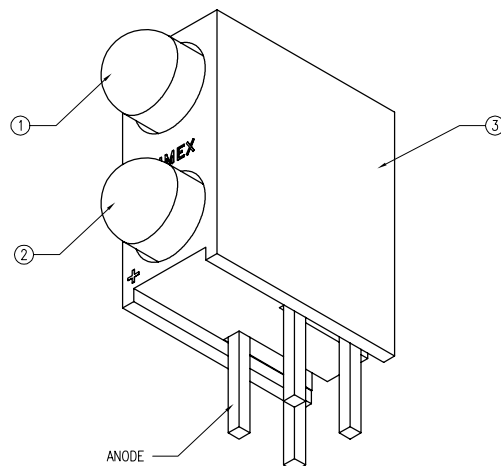
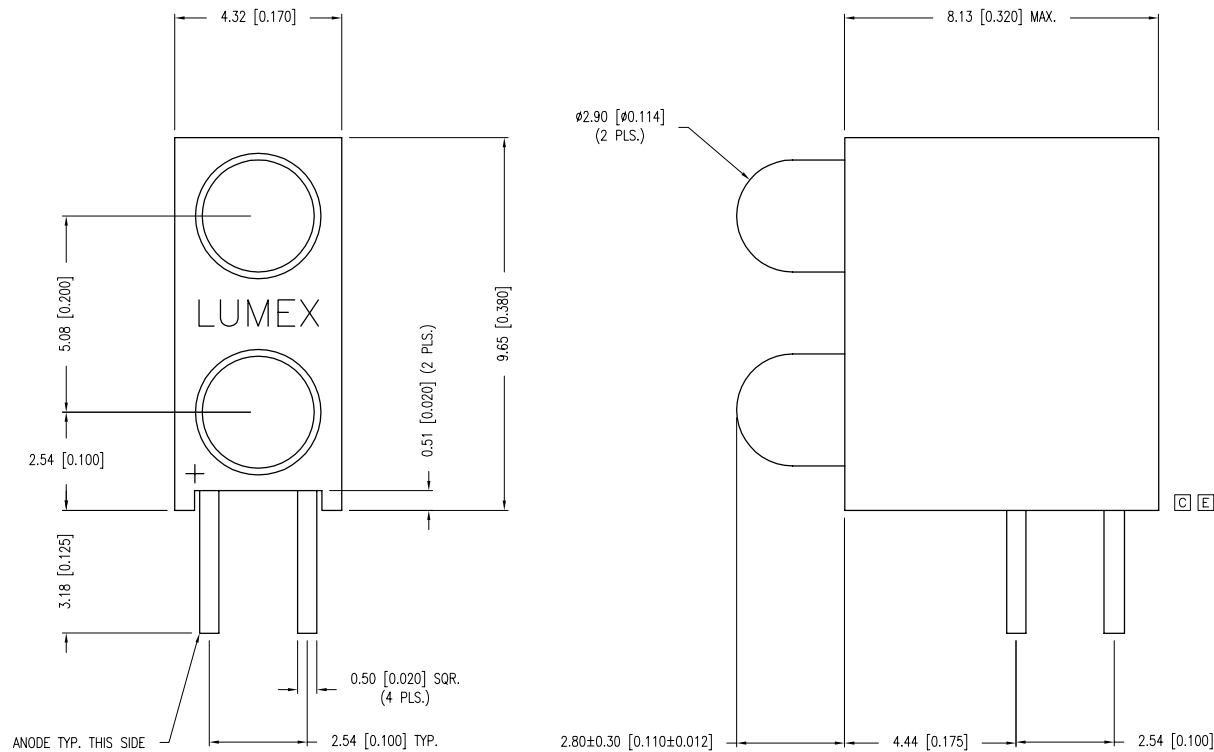




PART NUMBER	SSF-LXH240GYD	REV.	H
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.09.93	CHG'D LEAD LENGTHS.		A
08.27.93	CHG'D LEAD LENGTHS.		B
08.19.94	CHG'D HOLDER BOTTOM & SAFE OP. SPECS.		C
11.29.94	UPDATED SPECS.		D
02.06.95	CHG'D HOLDER BOTTOM		E
10.09.95	E.C.N. #10100.		F
02.12.96	E.C.N. #10104.		G
06.14.11	E.C.N. #10BRDR & REDRAWN/#11729.		H

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (G/Y)		565/590		nm	
FORWARD VOLTAGE (G/Y)		2.2/2.1	2.5	V_f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V_r	$I_f=10\text{mA}$
AXIAL INTENSITY (G/Y)		30/15		mcd	
VIEWING ANGLE		40		2x theta	
EMITTED COLOR:	GREEN/YELLOW				
EPOXY LENS FINISH:	COLOR DIFFUSED				

D C LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY CURRENT (G/Y)	25/30	mA
POWER DISSIPATION	62.5/75	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

BILL OF MATERIALS:

- SSL-LX3044GD LED.
- SSL-LX3044YD 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= $\frac{+DECIMAL PRECISION}{-0.00}$ MAX= $\frac{+0.00}{-DECIMAL PRECISION}$

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, GREEN/YELLOW DIFFUSED.

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

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DATE:	06.14.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	BC
UNIT:	mm [INCH]		(Pb)