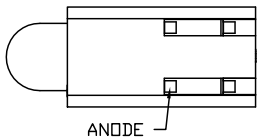
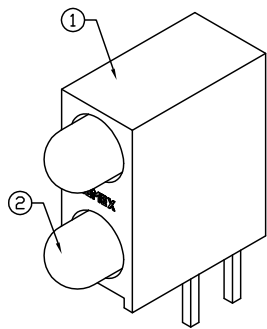
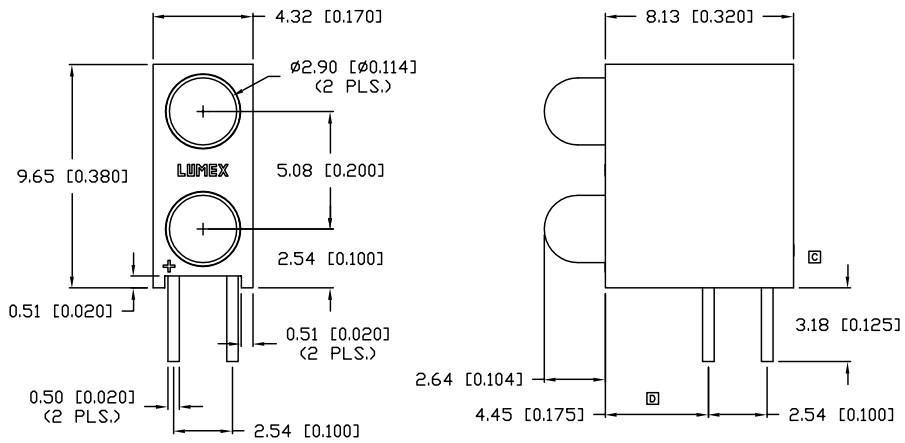


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSF-LXH240YYD		G
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTHS.	8.27.93
B	CHG'D HOLDER BOTTOM & SAFE OP. SPECS.	8.16.94
C	UPDATED SPECS.	11.16.94
D	CHG'D HOLDER BOTTOM.	2.3.95
E	E.C.N. #10100.	10.5.95
F	E.C.N. #10104.	2.12.96
G	E.C.N. #10BRDR. & REDRAWN.	3.5.01



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		585		nm
		585		nm
FORWARD VOLTAGE		2.1	2.8	V_f
REVERSE VOLTAGE	5.0			V_r $I_f=100\mu\text{A}$
AXIAL INTENSITY		15		mcd $I_f=20\text{mA}$
VIEWING ANGLE		80		2θ
EMITTED COLOR:	YELLOW/YELLOW			
EPOXY LENS FINISH:	YELLOW DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
Ⓜ PEAK FORWARD CURRENT*		150	mA
Ⓜ STEADY CURRENT		30	mA
Ⓜ POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/ $^\circ\text{C}$
Ⓜ OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
Ⓜ SOLDERING TEMP.		+260	$^\circ\text{C}$
Ⓜ 2.0mm FROM BODY			3 SEC. MAX


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

NOTES:

- SSH-LXH240 HOLDER, MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044YD LED (2 PCS.).

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

UNCONTROLLED DOCUMENT

REV. G	PART NUMBER SSF-LXH240YYD	<p>CONFIDENTIAL INFORMATION</p> <p>THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.</p> <p>RELIABILITY NOTE</p> <p>OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.</p>	 <p>290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw</p>
T-3mm RIGHT ANGLE FAULT INDICATOR LED, DUAL 585nm YELLOW LEDS, YELLOW DIFFUSED.		<p>DRAWN BY: CT</p> <p>CHECKED BY:</p> <p>APPROVED BY:</p>	<p>DATE: 1.12.93 PAGE: 1 OF 1 SCALE: N/A</p>