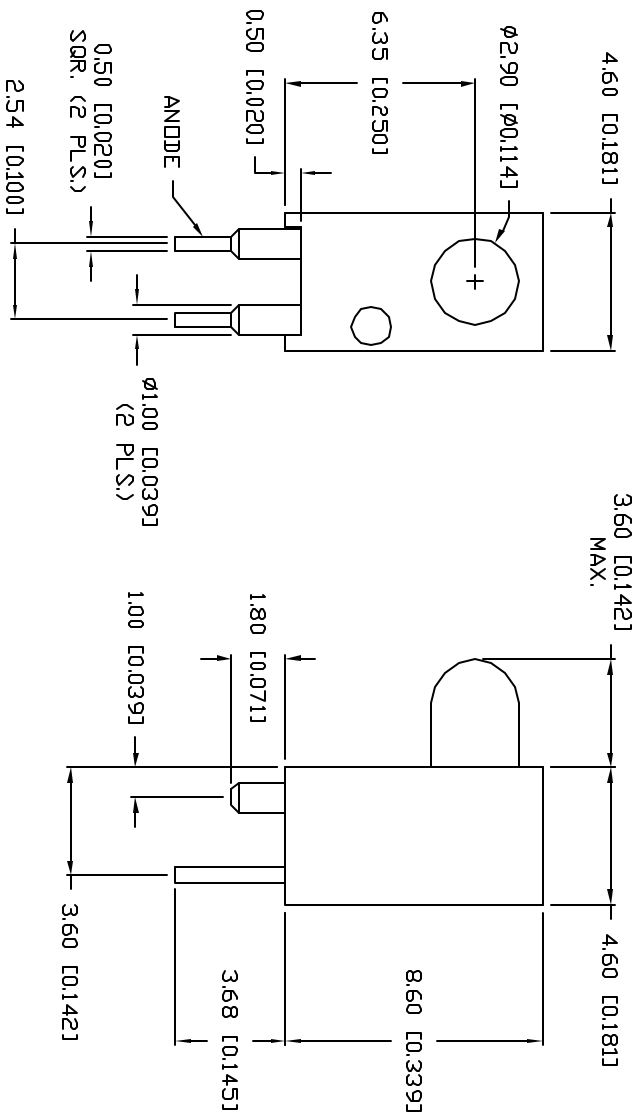




ELECTRO-OPTICAL CHARACTERISTICS I _A =25°C I _F =20mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		470		nm
FORWARD VOLTAGE		3.5	4.0	V _F I _F =100μA
REVERSE VOLTAGE	5.0			V _R I _F =20mA
AXIAL INTENSITY		70		mcad
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	BLUE			
EPOXY LENS FINISH:	BLUE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	98	mW
DERATE FROM 25°C	-1.5	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μS

1. SSL-LX3044USBD, ULTRA SUPER BLUE LED.
2. SSH-LXH1360 HOLDER.

NOTES:

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

*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= -0.00 MAX= $+0.00$
+DECIMAL PRECISION -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV.

PART NUMBER

SSF-LXH1360USB

T-3mm (T-1) PCB INDICATOR WITH 2 LOCATOR PINS,
470nm ULTRA SUPER BLUE LED, BLUE DIFFUSED.

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUNEX INC. EXCEPT AS SPECIALLY AUTHORIZED IN WRITING BY LUNEX 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.

RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDIER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY:
CT

CHECKED BY:

APPROVED BY:	DATE: 4.24.01
	PAGE: 1 OF 1
	SCALE: N/A

DATE: 4.24.01
PAGE: 1 OF 1
SCALE: N/A