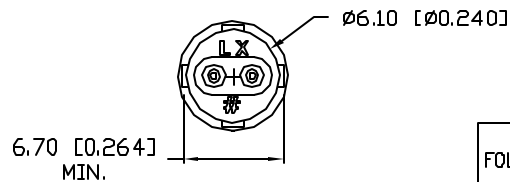
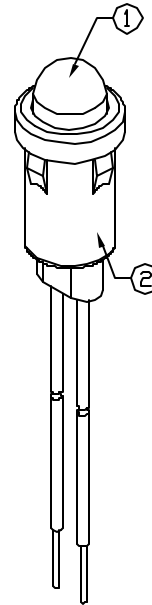
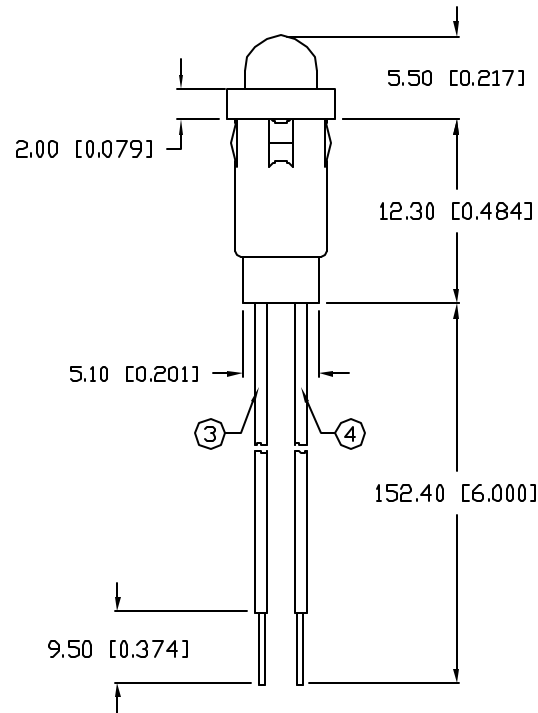
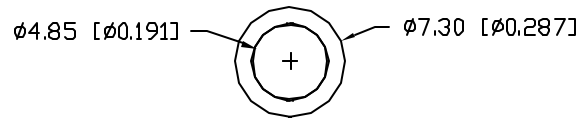


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PART NUMBER
SSI-LXH600BUSBD150

REV.



PANEL HOLE: $\varnothing 0.250''$
PANEL THICKNESS: 0.030" MIN.

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

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		5.0	14.0	V_f	
BLINKING FREQUENCY:		1.5		Hz	$V_f=14.0, I_f=70\text{mA}$
		3.0		Hz	$V_f=3.5, I_f=6\text{mA}$
AXIAL INTENSITY		70		mod	$V_f=9.0$
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*	70	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	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:

- SSL-LX509F3BUSBD LED.
- SSH-LXH600 HOLDER, BLACK.
- ANODE LEAD: LXP-WST24RDTC, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- CATHODE LEAD: LXP-WST24BLTC, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.



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

REV.

PART NUMBER

SSI-LXH600BUSBD150

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

T-5mm (T-1 3/4) LED, PANEL MOUNT INDICATOR,
BLINKING 470nm ULTRA SUPER BLUE LED,
BLUE DIFFUSED LENS, WITH 6" WIRE LEADS.

RELIABILITY NOTE
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.

DRAWN BY: JN	CHECKED BY:	APPROVED BY:	DATE: 01.14.08
			PAGE: 1 OF 1
			SCALE: N/A