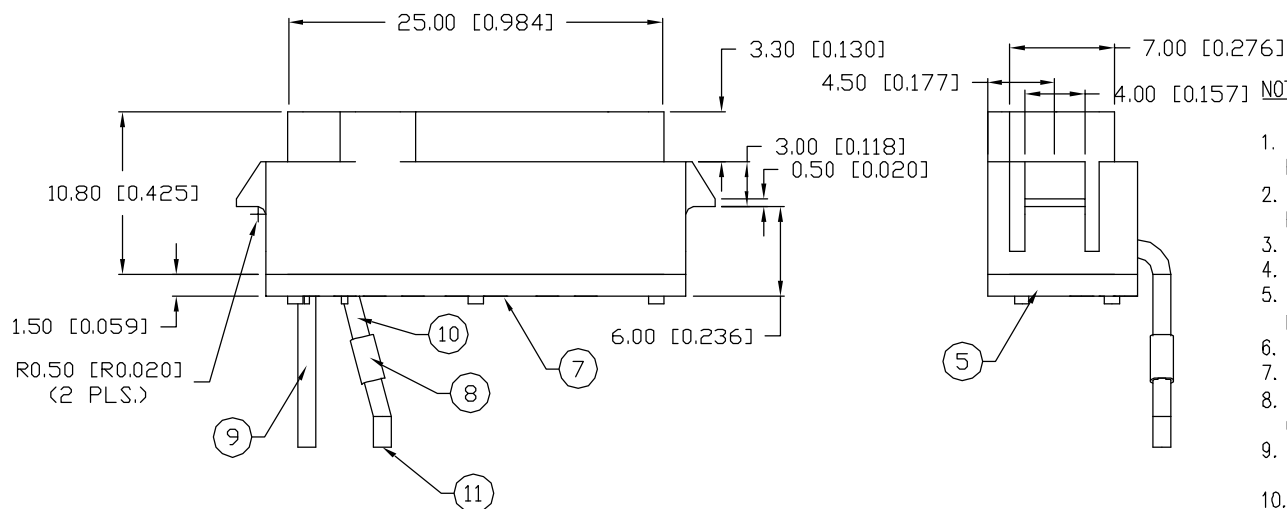
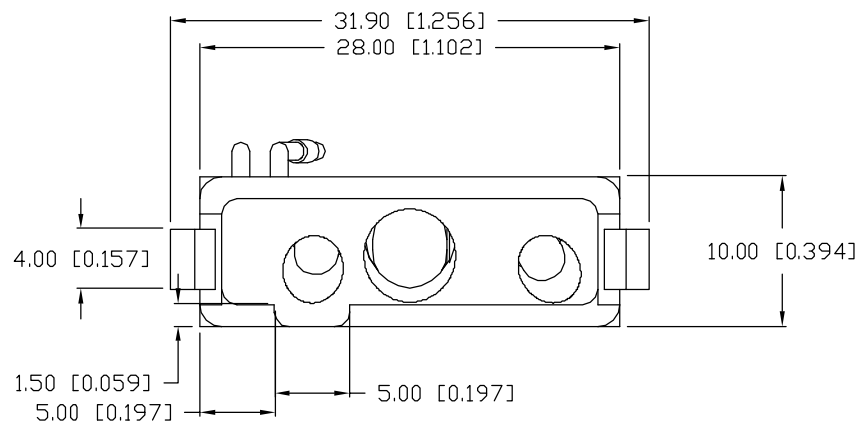
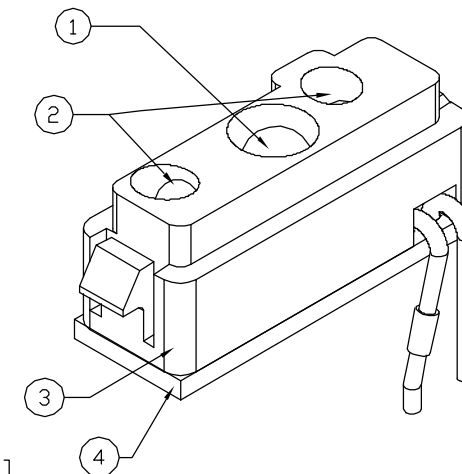


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ANODE CATHODE



- NOTES:
1. SSL-LX5093UWC/G, 1 PCS. LEDS SHOULD NOT PROTRUDE PAST THE TOP OF THE HOLDER.
 2. SSL-LX3054UWC/G, 2 PCS. LEDS SHOULD NOT PROTRUDE PAST THE TOP OF THE HOLDER.
 3. SSH-LXH511, CLEAR PC HOLDER.
 4. LXP-PCB511, FR4 PCB.
 5. LABEL ON BACKSIDE OF PCB WITH DATE CODE: LOT NUMBER AND CUSTOMER PART# 10222158 AND REV LEVEL.
 6. LEDS TO BE FROM SAME BRIGHTNESS AND COLOR BINS.
 7. CONFORMAL COAT BACKSIDE OF PCB.
 8. 175Ω, 1/4W RESISTOR, 1% TOLERANCE, TRIM 4.5mm SO THAT OVERALL LENGTH IS 10mm.
 9. CATHODE LEAD: 22AGW, UL1569, BLACK ISULATION, CUT 105mm, TRIM ENDS 4.0mm, 9.5mm.
 10. ANODE LEAD: 22AGW, UL1569, CUT 30mm, TRIM ENDS 4.0mm.
 11. ANODE LEAD: 22AGW, UL1569, CUT 70mm, TRIM ENDS 4.0mm, 9.5mm.

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*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 MAX.= +0.00 -0.00 -DECIMAL PRECISION

REV.

A

PART NUMBER

SSA-LXH511UWC-90

CUSTOM LIGHT GUIDED HOLDER.

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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.



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DATE: 11.03.08

PAGE: 1 OF 2

SCALE: N/A

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PART NUMBER
SSA-LXH511UWC-90REV.
A

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

SEE PAGE 1.

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			—		nm	
FORWARD VOLTAGE	V_f		12.0	14.0	V	$I_f=20\text{mA}$
REVERSE VOLTAGE	V_r	5			V	$I_f=10\mu\text{A}$
AXIAL INTENSITY(*1)	I_v	9000	11000		mcd	$I_f=20\text{mA}$
CHROMATICITY	X		0.29			
COORDINATES(*2)	Y		0.30			$I_f=20\text{mA}$
VIEWING ANGLE			20		2x theta	
EMITTED COLOR:	WHITE					
EPOXY LENS FINISH:	WATER CLEAR					

*1. AXIAL INTENSITY TESTING CONDITION: 550nm WAVELENGTH.

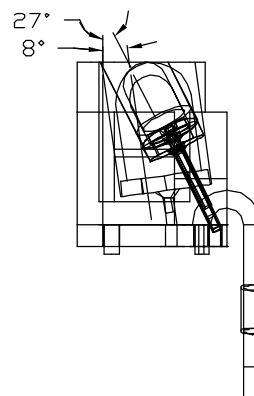
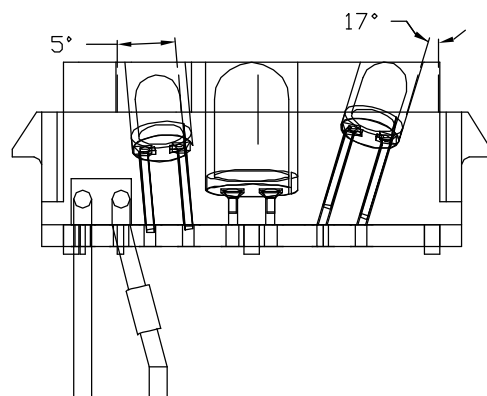
*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I_p	100*	mA
STEADY CURRENT	I_F	25	mA
POWER DISSIPATION	P_D	100	mW
OPERATING TEMP.	T_{OPR}	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	T_{STG}	-40 TO +100	$^{\circ}\text{C}$
SOLDERING TEMP.		+260	$^{\circ}\text{C}$
2.0mm FROM BODY			3 SEC. MAX

*DUTY 1/10 PULSE WIDTH 10ms

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



A

RANK		CHROMATICITY COORDINATES			
A	X	0.220	0.220	0.270	0.270
	Y	0.220	0.280	0.310	0.250
B	X	0.250	0.250	0.300	0.300
	Y	0.250	0.310	0.330	0.270
C	X	0.280	0.280	0.330	0.330
	Y	0.270	0.330	0.350	0.290
D	X	0.310	0.310	0.370	0.370
	Y	0.290	0.350	0.380	0.320

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REV.

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CUSTOM LIGHT GUIDED HOLDER.

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