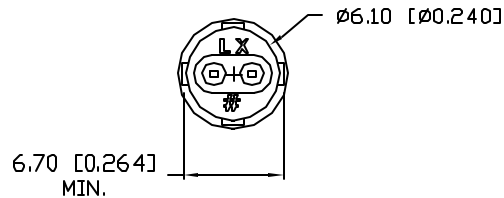
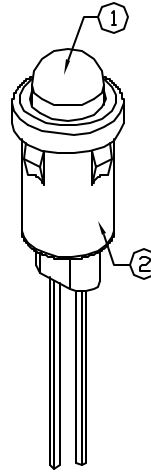
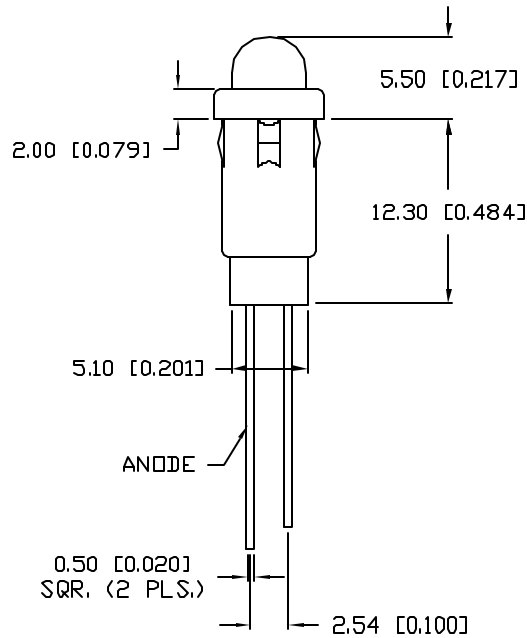
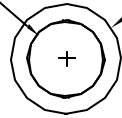


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∅4.85 [∅0.191]      ∅7.30 [∅0.287]



PANEL HOLE: ∅0.250"  
PANEL THICKNESS: 0.030" MIN.

\*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.=<sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION, MAX.=<sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION

PART NUMBER  
SSI-LXH600ID

REV.  
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	7.20.01

ELECTRO-OPTICAL CHARACTERISTICS T<sub>A</sub>=25°C I<sub>f</sub>=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY		40		med	I <sub>f</sub> =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

\* t < 10μS

NOTES:

1. SSL-LX509F3ID LED, RED.
2. SSH-LXH600 HOLDER, BLACK.
3. UV ADHESIVE. (2 PLS.)

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T-5mm (T-1 3/4) LED, PANEL MOUNT INDICATOR,  
635nm RED LED, RED DIFFUSED LENS.

**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: GT	CHECKED BY:	APPROVED BY:	DATE: 2.5.99
			PAGE: 1 OF 1
			SCALE: N/A

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