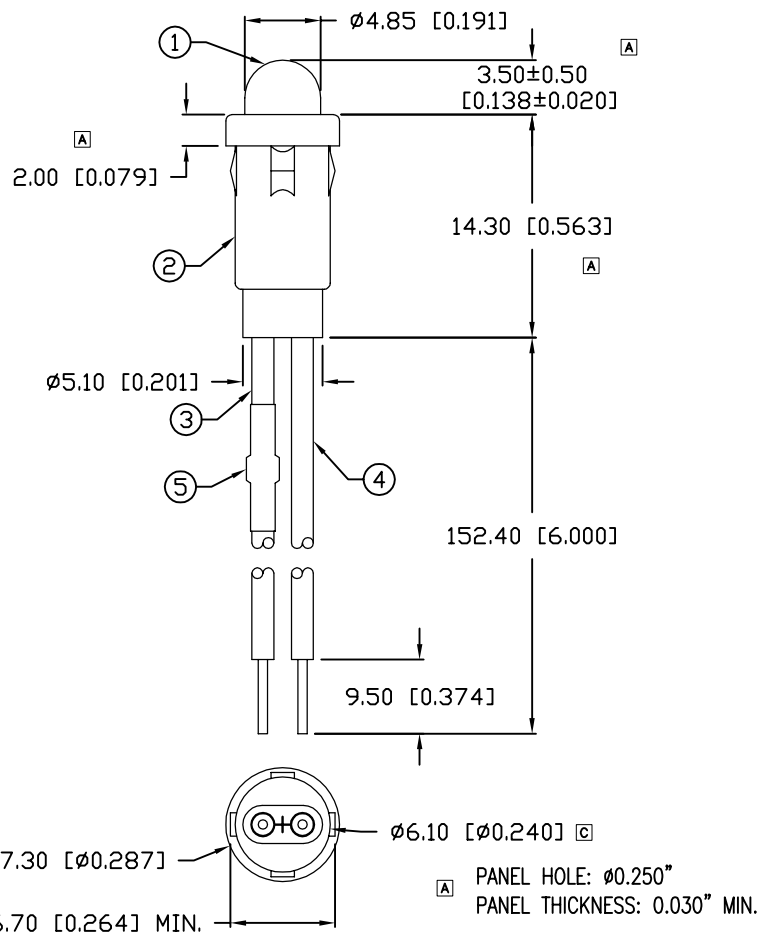


# UNCONTROLLED DOCUMENT



## NOTES:

1. SSL-LX509F3SRD LED, SUPER RED.
2. SSH-LXH600 HOLDER, BLACK.
3. ANODE LEAD: LXP-WST24RDTCC, 24 AWG TIN OVERCOAT, RED INSULATION, -45mm STRIP BOTH ENDS 4mm, -106mm, STRIP 4mm AND 9.5mm.
4. CATHODE LEAD: LXP-WST24BLTCC, 24 AWG TIN OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
5. RESISTOR: 1K OHM, 1/2 WATT, LOCATE 1.75" FROM REAR OF HOUSING. TRIM LEADS OF RESISTOR 18mm END TO END.
6. INSULATE RESISTOR AND CRIMPS WITH HEAT SHRINK (1/8" x 1" LONG).

PART NUMBER  
SSI-LXH600SRD24150

REV.  
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	EXTENSIVE DIMENSION REVISION.	8-22-94
B	E.C.N. #10227 & 10113.	8-14-96
C	E.C.N. #10BRDR. & REDRAWN.	2-5-99

## ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		24		V <sub>f</sub>	
REVERSE VOLTAGE	4.0			V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY		100		mcd	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	22	mA
POWER DISSIPATION	600	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		

# UNCONTROLLED DOCUMENT

\*UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm 0.25\text{mm}$  ( $\pm 0.010"$ )

REV. C PART NUMBER SSI-LXH600SRD24150

T-5mm (T-1 3/4) LED, PANEL MOUNT INDICATOR,  
660nm SUPER RED LED, RED DIFFUSED LENS,  
WITH 6" WIRE LEADS, 24 VOLT.

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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.

**LUMEX**  
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