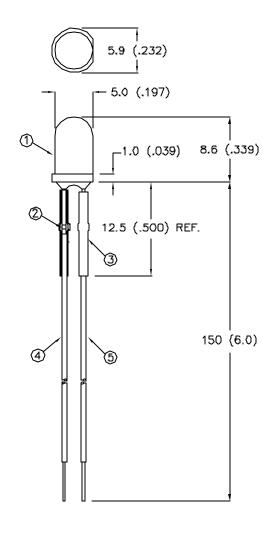
DATE	REVISIONS	REV	

drawing number SSI-LX5093ID-150

REV



NOTES:

- 1. SSL-LX5093ID LED. TRIM LEADS TO 5mm
- 2. CRIMP LEAD WIRES TO LED LEADS (2 PLS).
- 3. HEAT SHRINK INSULATION, 12.5mm IN LENGTH (2 PCS).
- 4. ANODE: LXP-WST24RDTÓC, (RED TINNED OVERCOAT WIRE) CUT AT 150mm, STRIP 4mm & 9.5mm.
- 5. CATHODE: LXP-WST24BLTOC, (BLACK TINNED OVERCOAT WIRE) CUT AT 150mm, \$TRIP 4mm & 9.5mm.

UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If =20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR EPOXY LENS FINISH	5.0 RED RED I	635 (RED) 2.0 20 80 DIFFUSED	2.8	nm V _f V _r mcd 2x theta	I _r = 100 uA I _f = 20mA

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP	150 30 105 -1.2 -40 TO +85	mA mA mW mW/*C

^{*} t<10u\$

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.



290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790

REV

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 DATE:
 1-27-97
 DWN:
 CHK*D:
 APPD:

 SCALE:
 N/A

T-5mm (T-1 3/4) LED, RED DIFFUSED, WITH 6" WIRE LEADS

DRAWING NUMBER SSI—LX5093ID—150

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