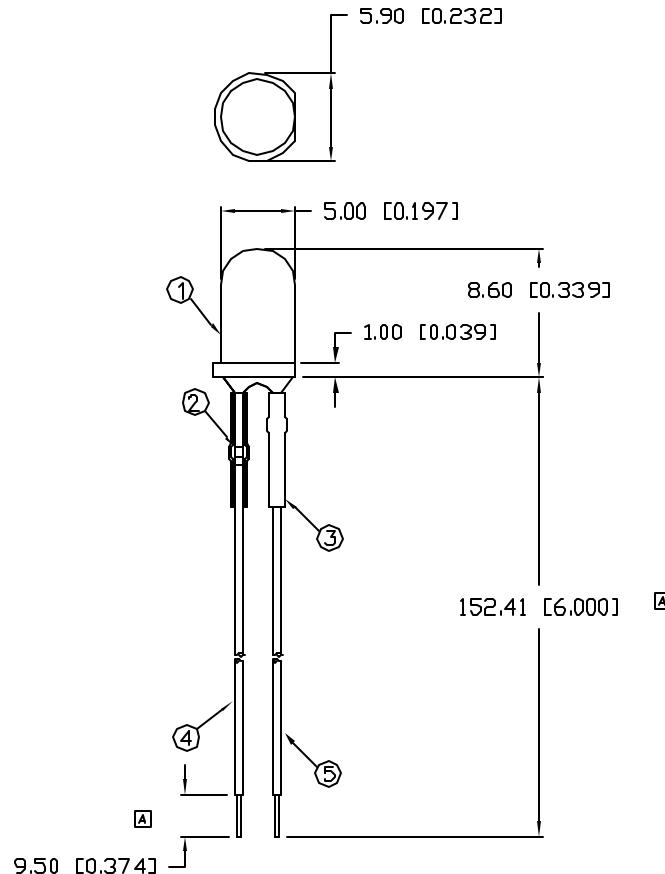


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11178.	10.12.04

ELECTRO-OPTICAL CHARACTERISTICS TA=25 $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE	2.2	2.6		V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100 μ A
AXIAL INTENSITY		30.0		mcd	I _f =20mA
VIEWING ANGLE		60			2x theta
EMITTED COLOR		GREEN			
EPOXY LENS FINISH		GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25 ° C	-1.2	mW/ ° C
OPERATING, STORAGE TEMP.	-40 TO 85	° C
LEAD SOLDERING TEMP.	+260	° C
1.6mm FROM BODY		5 SEC. MAX

* t<10 μ s

NOTES:

1. SSL-LX5093GD LED, TRIM LEADS TO 5mm.
2. CRIMP LEAD WIRES TO LED LEADS.
3. HEAT SHRINK INSULATION, 1/16" X 12.5mm (2 PIECES).
4. ANODE: LXP-WST24RDT0C, CUT AT 150mm, STRIP 3mm & 9.5mm.
5. CATHODE: LXP-WST24BLTOC, CUT AT 150mm, STRIP 3mm & 9.5mm.

UNCONTROLLED DOCUMENT

*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= $^{+0.00}$ MAX= $^{+0.00}$ $^{-0.00}$

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
A	SSI-LX5093GD-150			
	T-5 (T 1-3/4) LED, GREEN DIFFUSED, 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: JO	CHECKED BY: APPROVED BY: DATE: 7.19.04 PAGE: 1 OF 1 SCALE: N/A

Mouser Electronics

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