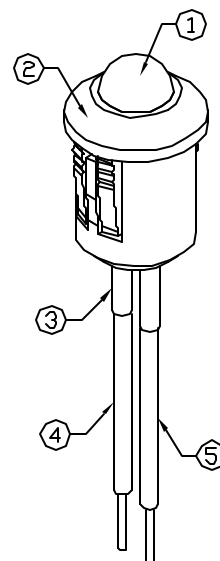
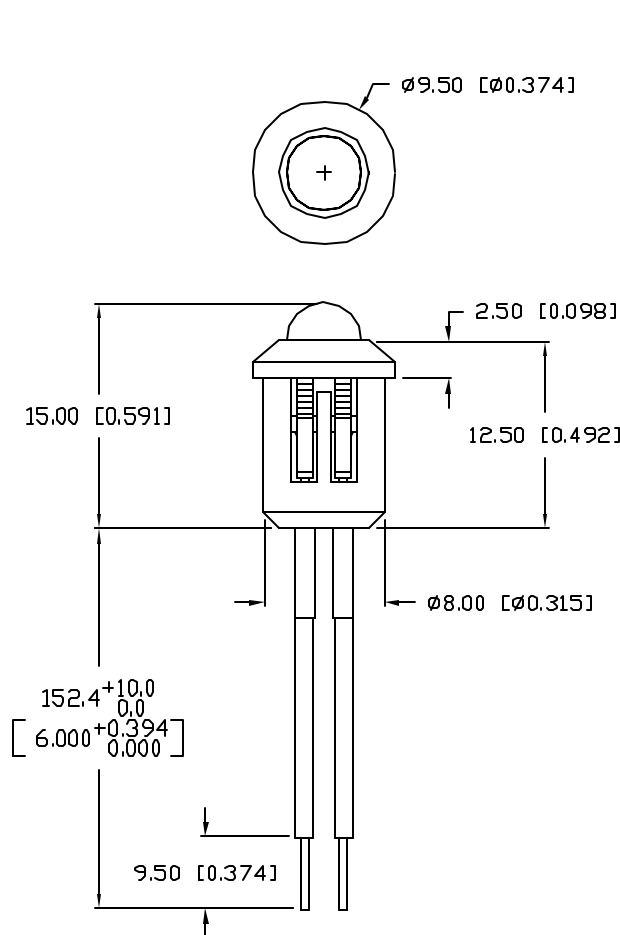
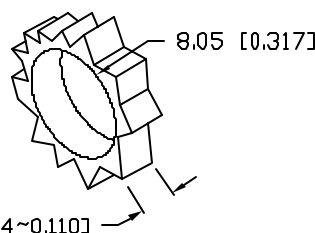


UNCONTROLLED DOCUMENT

CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.



PANEL CUTOUT



PART NUMBER
SSI-LXR5010GD-150

REV.
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDRAWN.	12.7.93
B	REVISED NOTES.	5.17.95
C	E.C.N. #10BRDR.	6.17.99
D	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.5.02

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

* $t < 10\mu\text{s}$

NOTES:

- SSL-LX5093GD, GREEN LED. TRIM LEADS TO 3-4mm.
- SSH-RTF5010, BLACK HOLDER.
- LXP-HEATSHRINK-2, (2 PCS.) $1/16" \times 1/2"$.
- ANODE LEAD: LXP-WST24RDTQC, CUT 160mm LONG, STRIP ENDS 3mm & 9.5mm.
- CATHODE LEAD: LXP-WST24BLTQC, CUT 160mm LONG, STRIP ENDS 3mm & 9.5mm.

UNCONTROLLED DOCUMENT

*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 -0.00, MAX.=+0.00 -DECIMAL PRECISION

REV.
D

PART NUMBER
SSI-LXR5010GD-150

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290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

T-5mm, 565nm GREEN LED PANEL INDICATOR,
GREEN DIFFUSED LENS, 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: BC	CHECKED BY:	APPROVED BY:	DATE: 11.30.93 PAGE: 1 OF 1 SCALE: N/A
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