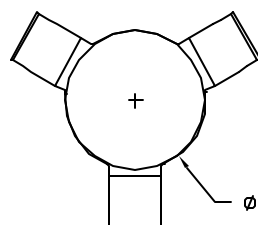
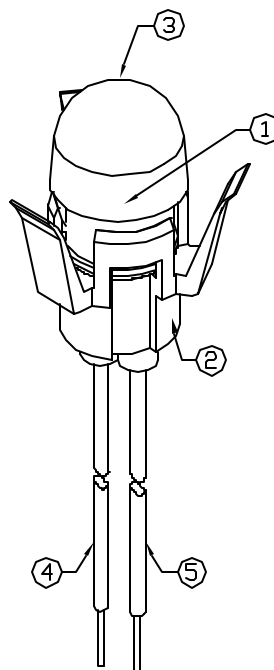
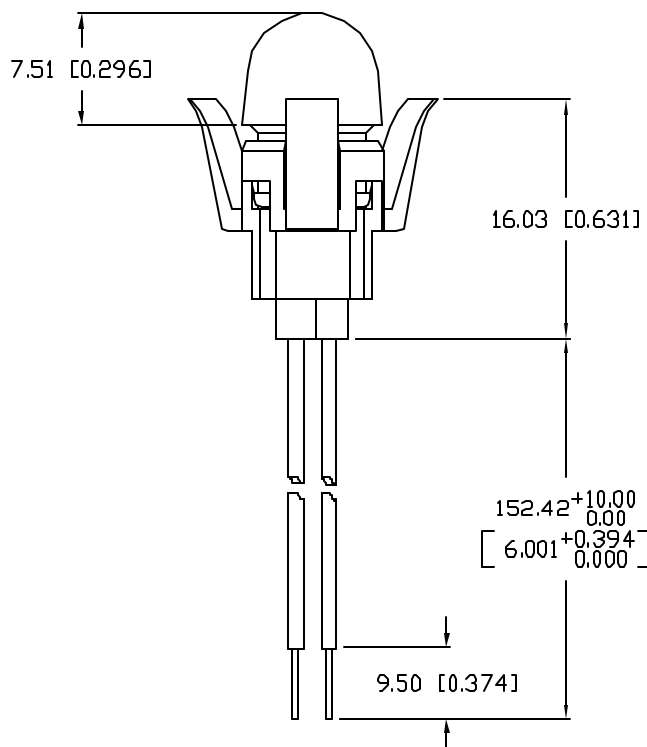


UNCONTROLLED DOCUMENT


 $\phi 9.27$  [0.365]


PART NUMBER		REV.
SSI-LXH691GD-150C		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	8.13.01

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		10		med	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

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

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

## NOTES:

1. SSL-LX509F3GD LED, NOT SHOWN.
2. SSH-LXH690 HOUSING, BLACK.
3. SSN-LX690L1-C LENS, CLEAR.
4. RED ANODE LEAD: LXP-WST24RDT0C, 24AWG STRANDED, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
5. BLACK CATHODE LEAD: LXP-WST24BLT0C, 24AWG STRANDED, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
6. WHEN ASSEMBLED, MAX RIB DIAMETER AT MAX PANEL THICKNESS: 24mm [0.94].

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\*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=+0.00 / -0.00, MAX.=+0.00 / -0.00

REV.

A

PART NUMBER

SSI-LXH691GD-150C

T-5 (T-1 3/4) TULIP INDICATOR WITH SNAP MOUNT LENS,  
565nm GREEN LED, GREEN DIFFUSED LENS.

## CONFIDENTIAL INFORMATION

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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.



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

DRAWN BY:

GT

CHECKED BY:

APPROVED BY:

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PAGE: 1 OF 1

SCALE: N/A