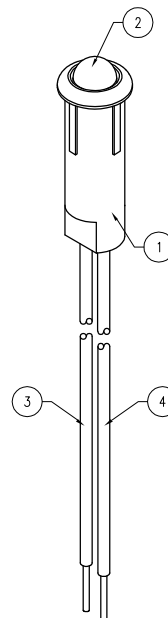
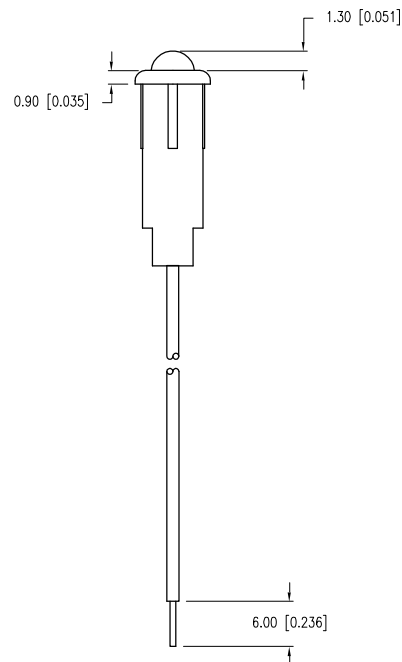
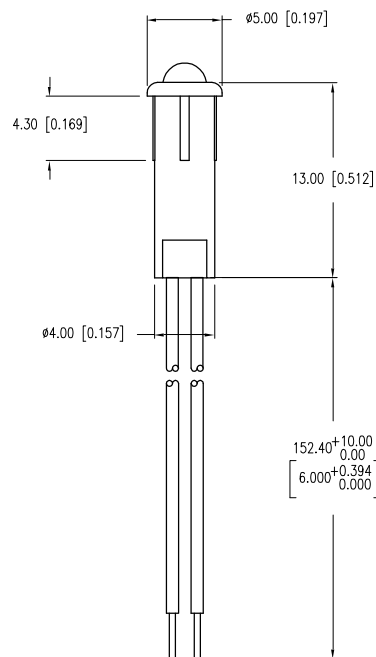


PART NUMBER	SSI-LXH312ID-150	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.16.92	REDRAWN.		A
01.20.95	UPDATED SAFE OPER. SPECS.		B
05.12.95	ADDED TO NOTE #3.		C
06.05.96	E.C.N. #10178.		D
07.12.01	E.C.N. #10BRDR. & REDRAWN.		E

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	$V_f$	
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:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

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

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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

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

## [C] NOTES:

- SSH-LXH3121 HOLDER, BLACK NYLON 94-V.
- SSL-LX3044ID LED, LEADS CUT TO 5mm.
- ANODE LEAD: LXP-WST26RDT0C, RED INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 3.0mm & 6.0mm.
- CATHODE LEAD: LXP-WST26BLT0C, BLACK INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 3.0mm & 6.0mm.
- MOUNTING HOLE:  $\phi 0.170'' - \phi 0.174''$

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

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
FAX: +1.847.359.6538  
WEB: WWW.LUMEX.COM

T-3mm LED BLACK PANEL INDICATOR WITH 6" WIRE LEADS, HIGH INTENSITY RED LED, RED DIFFUSED LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE: 03.06.91	DRAWN BY: CT
PAGE: 1 OF 1	CHKD BY: JD
SCALE: N/A	APRVD BY: SS
UNIT: mm [INCH]	(P) [E]

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