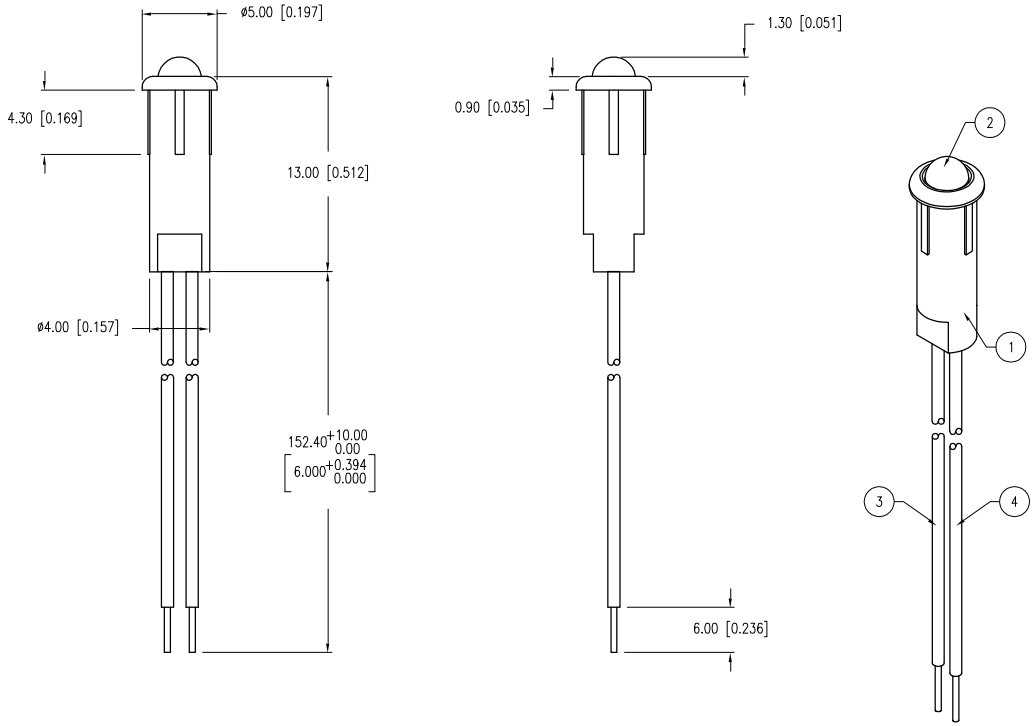
UNCONTROLLED DOCUMENT

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°C I_f=20mA

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=100µA
AXIAL INTENSITY		30		mcd	I_f= 20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

B LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY	3	SEC. MAX

* t<10µS

C NOTES:

1. SSH-LXH3121 HOLDER, BLACK NYLON 94-V.
2. SSL-LX3044ID LED, LEADS CUT TO 5mm.
3. ANODE LEAD: LXP-WST26RDTOC, RED INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 3.0mm & 6.0mm.
4. CATHODE LEAD: LXP-WST26BLTOC, BLACK INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 3.0mm & 6.0mm.
5. MOUNTING HOLE: ø0.170"-ø0.174"

*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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

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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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