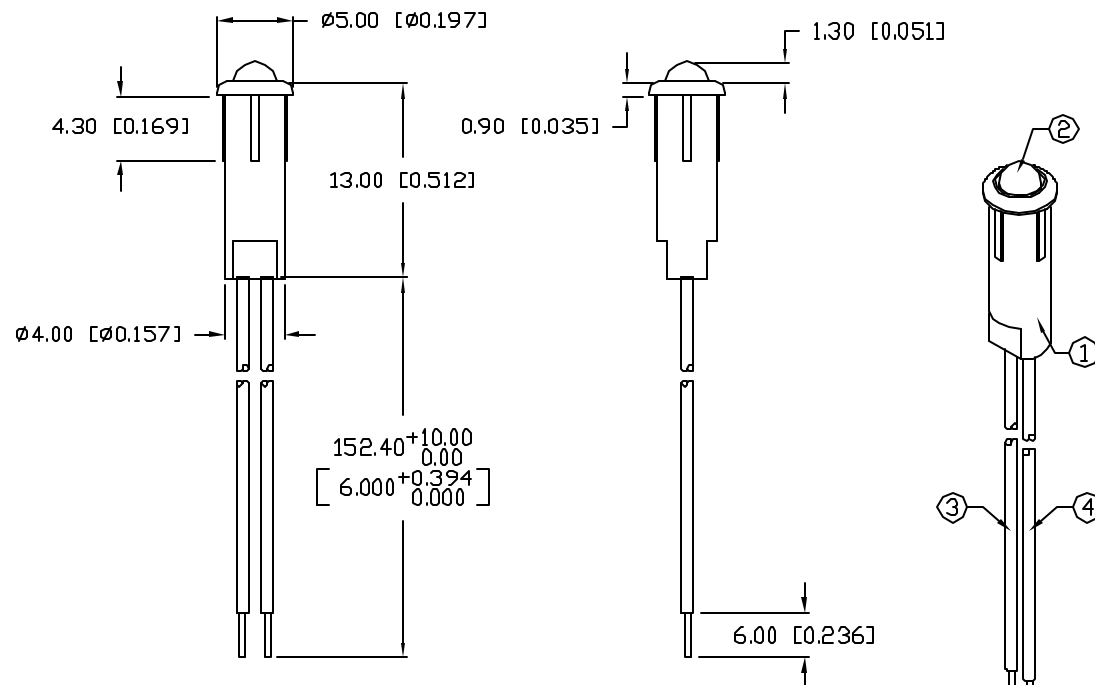


UNCONTROLLED DOCUMENT



NOTES:

- SSH-LXH3121 HOLDER, BLACK NYLON 94-V.
- SSL-LX3044BID 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: $\phi 0.170'' - \phi 0.174''$

PART NUMBER
SSI-LXH312BID-150

REV.

D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D P/N TO SSI-LXH312BID-150	10.5.92
B	ADDED TO NOTE #3.	5.12.95
C	E.C.N. #10178.	6.5.96
D	E.C.N. #10BRDR. & REDRAWN.	7.9.01

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE	3.0		14.0	V_f	
BLINKING FREQUENCY:		1.5		Hz	$V_f=14.0$, $I_f=70\text{mA}$
		2.5		Hz	$V_f=3.0$, $I_f=6\text{mA}$
AXIAL INTENSITY		10		mcd	$V_f=9.0$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
FORWARD VOLTAGE	14	V
PEAK FORWARD CURRENT	70	mA
POWER DISSIPATION	200	mW
DERATE FROM 25°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

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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.=^{+DECIMAL PRECISION}-0.00 MAX.=^{+0.00}-DECIMAL PRECISION

REV.

D

PART NUMBER

SSI-LXH312BID-150

T-3mm LED BLACK PANEL INDICATOR WITH 6" WIRE LEADS,
635nm RED BLINKING LED, RED 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.



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DATE: 5.15.92

PAGE: 1 OF 1

SCALE: N/A

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