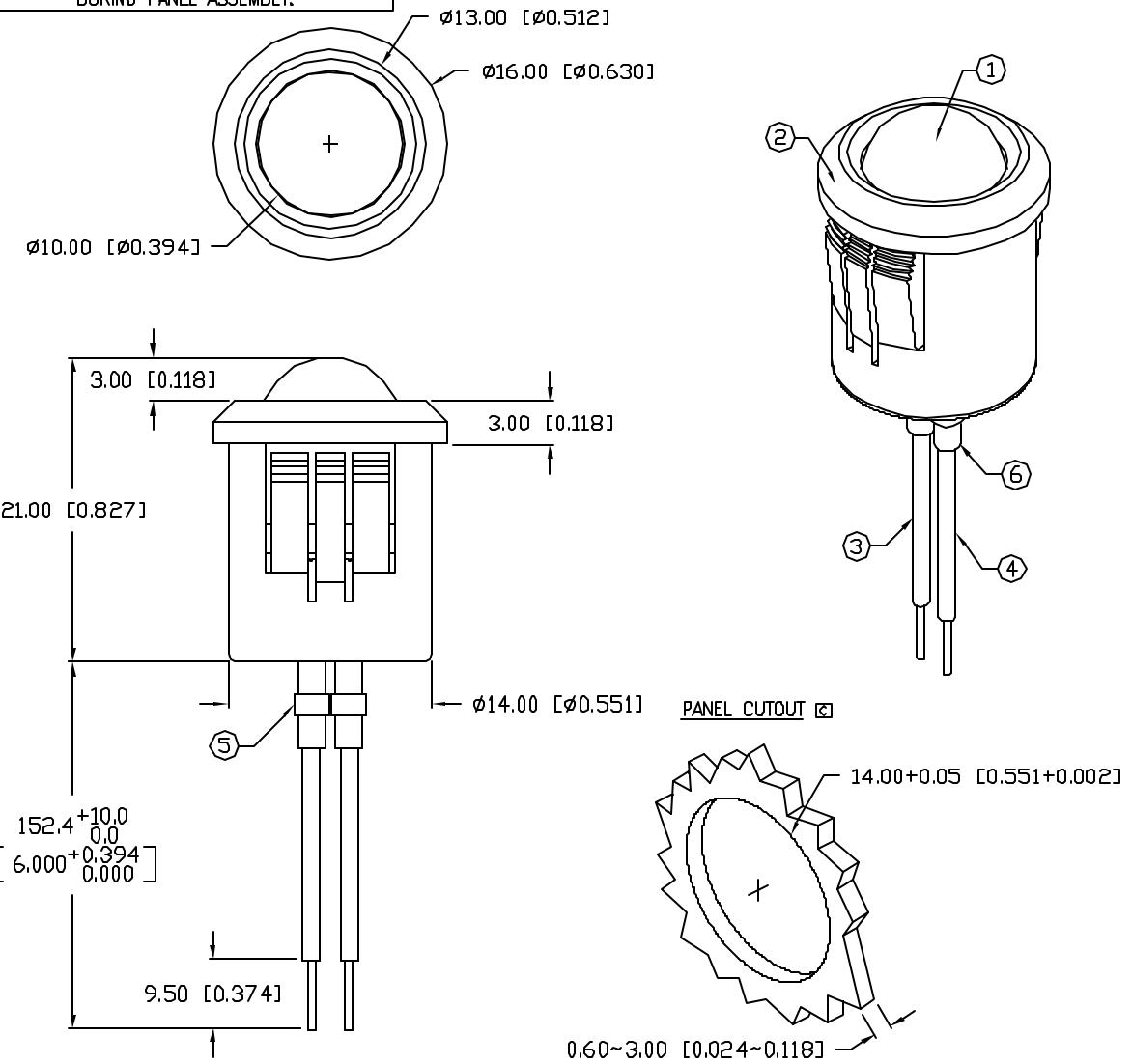


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CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (± 0.039), XX=±0.5 (± 0.020), XXX=±0.25 (± 0.010), XXXX=±0.127 (± 0.005), LEAD SIZE=±0.05 (± 0.002), LEAD LENGTH=±0.75 (± 0.030), MIN= ± 0.00 DECIMAL PRECISION MAX.= ± 0.00 DECIMAL PRECISION

REV.	PART NUMBER
D	SSI-LXH1090BID-150
T-10mm 635nm BLINKING RED LED PANEL INDICATOR, RED DIFFUSED LENS, 6" WIRE LEADS.	

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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.

PART NUMBER

SSI-LXH1090BID-150

REV.

D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR.	10.9.97
B	E.C.N. #10423.	3.24.98
C	E.C.N. #10539.	9.24.99
D	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.5.02

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE	3.0	9-12	13.0	V _f	
BLINKING FREQUENCY:		1.5		Hz	$V_f=9.0, I_f=70mA$
		2.5		Hz	$V_f=3.0, I_f=6mA$
AXIAL INTENSITY		50		mcd	$V_f=9.0$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		RED			
EPOXY LENS FINISH:		RED DIFFUSED			

LIMITS OF SAFE OPERATION AT $25^\circ C$

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	70	mA
STEADY CURRENT	30-56	mA
POWER DISSIPATION	200	mW
DERATE FROM $25^\circ C$	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu s$

NOTES:

1. SSL-LX100133BID LED.
2. SSH-RTF1090 HOLDER.
3. ANODE LEAD: LXP-WST24RDTOC, 24 AWG STRANDED, RED INSULATION, CUT 144mm LONG, STRIP 3mm & 9.5mm.
4. CATHODE LEAD: LXP-WST24BLTOC, 24 AWG STRANDED, BLACK INSULATION, CUT 144mm LONG, STRIP 3mm & 9.5mm.
5. CRIMP WIRE LEADS TO LED LEADS.
6. 2 PIECES- 32mm, 1/16" BLACK HEAT SHRINK TUBING.
7. UV EPOXY TO RETAIN LED IN HOLDER.

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