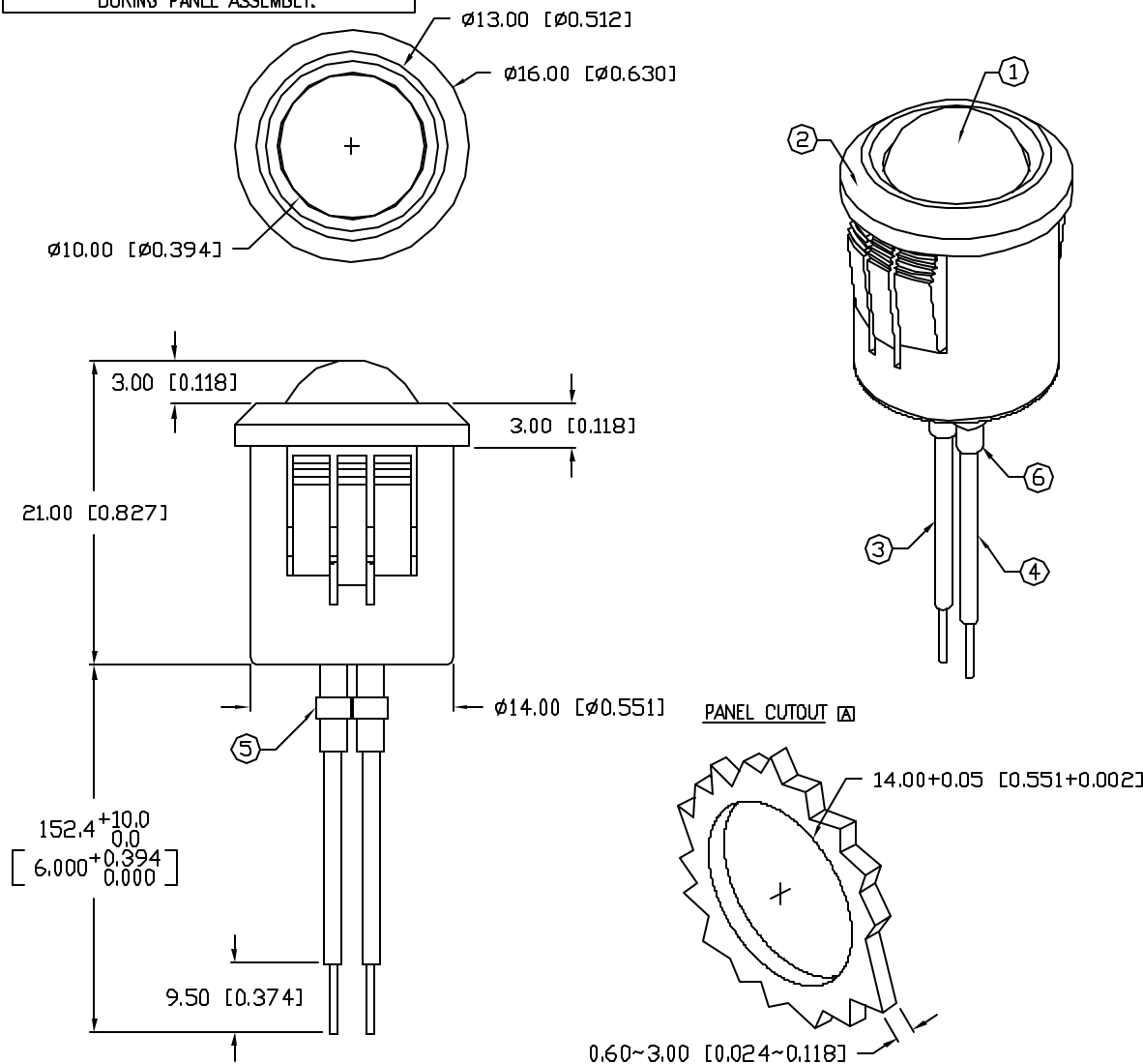


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CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), 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}

PART NUMBER
SSI-LXH1090SRC/E15

REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10539.	3.9.00
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.5.02

ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V _f	
REVERSE VOLTAGE	4.0			V _r	I _r =100μA
AXIAL INTENSITY	2000	2500		mcad	I _f =20mA
VIEWING ANGLE		25		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* t<10μS

NOTES:

1. SSL-LX100133SRC/E LED.
2. SSH-RTF1090 HOLDER.
3. ANODE LEAD: LXP-WST24RDT0C, 24 AWG STRANDED, RED INSULATION, CUT 144mm LONG, STRIP 3mm & 9.5mm.
4. CATHODE LEAD: LXP-WST24BLT0C, 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.

UNCONTROLLED DOCUMENT

REV.
B

PART NUMBER
SSI-LXH1090SRC/E15

T-10mm 660nm SUPER RED LED PANEL INDICATOR,
WATER CLEAR LENS, 6" WIRE LEADS.

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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