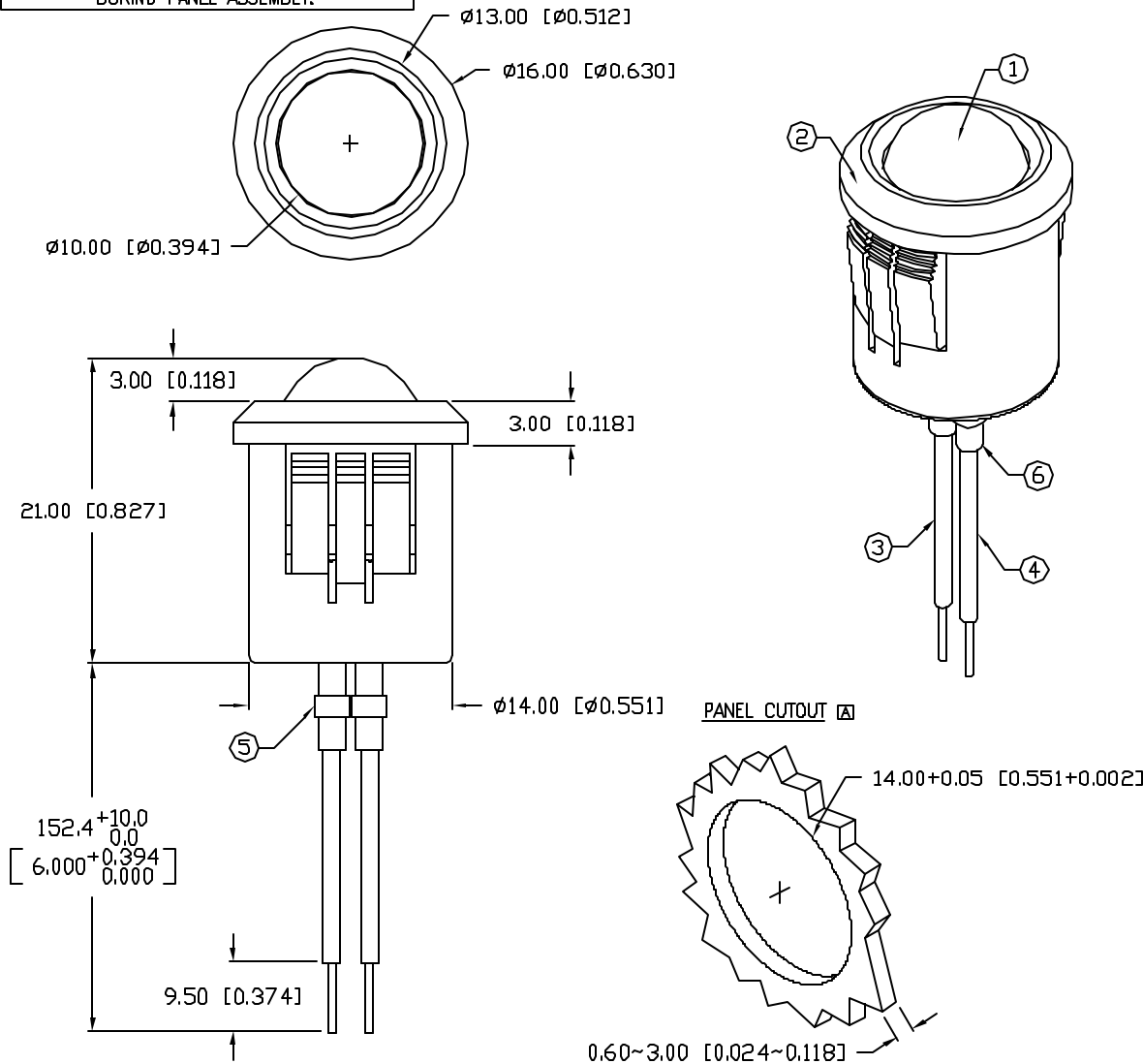


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CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED DURING PANEL ASSEMBLY.



*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		REV.
SSI-LXH1090IGW-150		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 $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (R/G)		30/25		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C

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

NOTES:

- SSL-LX100133IGW LED.
- SSH-RTF1090 HOLDER.
- RED ANODE: LXP-WST24RDTQC, 24 AWG STRANDED, RED INSULATION, CUT 144mm LONG, STRIP 3mm & 9.5mm.
- GREEN ANODE: LXP-WST24BLTQC, 24 AWG STRANDED, BLACK INSULATION, CUT 144mm LONG, STRIP 3mm & 9.5mm.
- CRIMP WIRE LEADS TO LED LEADS.
- 2 PIECES- 32mm, 1/16" BLACK HEAT SHRINK TUBING.
- UV EPOXY TO RETAIN LED IN HOLDER.

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
B	SSI-LXH1090IGW-150

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T-10mm RED/GREEN LED PANEL INDICATOR,
MILKY WHITE DIFFUSED LENS, 6" WIRE LEADS.

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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
BC			8.8.95
			PAGE: 1 OF 1
			SCALE: N/A